

Converting Colors

$Yxy(81.9491, 0.3328, 0.3347)$

Have a look what the booklet for
Yxy(81.9491, 0.3328, 0.3347)
contains.

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Color

Yxy(82.0618, 0.3327, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	FCE5DF
RGB	252, 229, 223
RGB Percent	99%, 90%, 87%
CMY	0.0119, 0.1019, 0.1255
CMYK	0.00, 0.09, 0.11, 0.01
HSL	12°, 83%, 93%
HSV	12°, 11%, 99%
XYZ	81.4741, 82.0618, 81.3516
YIQ	235.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

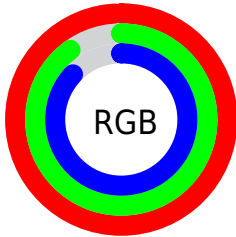
Format	Color
RYB	252, 231, 223
Decimal	16573919
CIELab	92.60, 6.85, 5.76
CIElCh	93, 8.956, 40.059
Yxy	82.0618, 0.3327, 0.3351
Android (android.graphics.Color)	4294763999 (0xFFFC5DF)
YUV	235.1930, -6.0111, 14.7397
Hunter-Lab	90.5880, 2.0125, 10.1668

Details

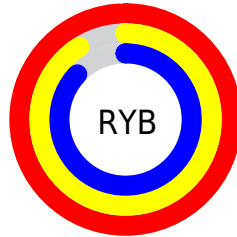
The Yxy color **82.0618, 0.3327, 0.3351** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5914, 0.2949, 0.3228**, and the grayscale version is **83.2696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7014, 0.3369, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **70.3875, 0.3540, 0.3408**, and if you desaturate by 10%, it is **95.2154, 0.3151, 0.3298**.

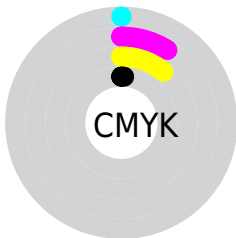
Distribution



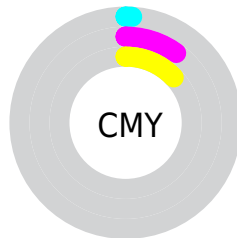
- Red (99%)
- Green (90%)
- Blue (87%)



- Red (99%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0618, 0.3327, 0.3351 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 82.0618, 0.3327, 0.3351 by changing the saturation by 10% instead.


 82.0618, 0.3327,
0.3351

 82.0618, 0.3327,
0.3351


501.8544, 0.3236,
0.3324

 61.4165, 0.3347,
0.3357

136.2607, 0.3296,
0.3342

 44.5614, 0.3373,
0.3364


170.5830, 0.3283,
0.3338

 31.1121, 0.3404,
0.3373


210.2331, 0.3273,
0.3335

 20.6842, 0.3445,
0.3384

255.5954, 0.3264,
0.3332

 12.8934, 0.3500,
0.3398

307.0543, 0.3256,
0.3330

 7.3552, 0.3578,
0.3418

364.9942, 0.3248,

 3.6852, 0.3696,

0.3328

0.3445

429.7994, 0.3242,
0.3326

■ 1.4991, 0.3898,
0.3487

■ 0.2881, 0.6050,
0.3950

■ 82.0618, 0.3327,
0.3351

■ 82.0618, 0.3327,
0.3351

■ 70.3875, 0.3540,
0.3408

■ 95.2154, 0.3151,
0.3298

■ 60.1299, 0.3797,
0.3467

■ 99.4297, 0.3108,
0.3290

■ 51.2379, 0.4102,
0.3524

■ 43.6531, 0.4457,
0.3574

■ 37.3129, 0.4854,
0.3610

■ 32.1495, 0.5271,
0.3621

■ 28.0881, 0.5667,
0.3598

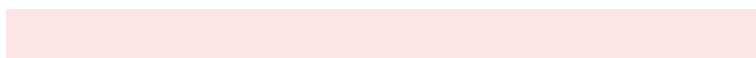
■ 25.0449, 0.5992,
0.3538

■ 23.1802, 0.6190,
0.3467

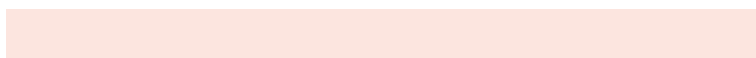
Harmonies

Analogous

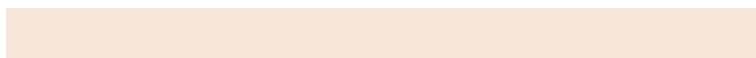
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0618, 0.3278, 0.3261



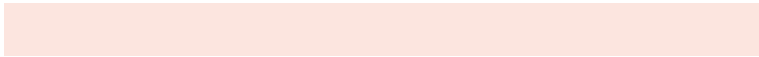
82.0618, 0.3327, 0.3351



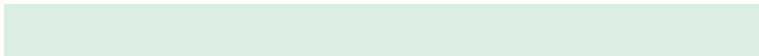
82.0618, 0.3322, 0.3427

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0618, 0.3327, 0.3351



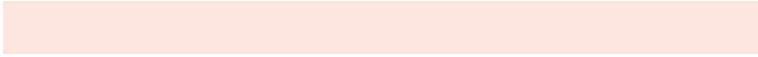
82.0618, 0.3065, 0.3405



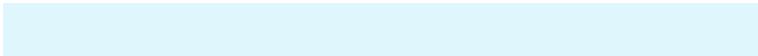
82.0618, 0.2991, 0.3115

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



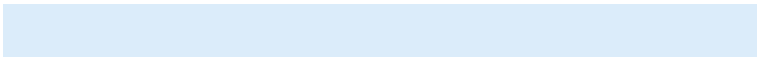
82.0618, 0.3327, 0.3351



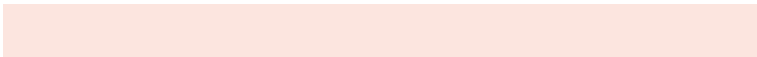
88.5914, 0.2949, 0.3228

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0618, 0.2936, 0.3150



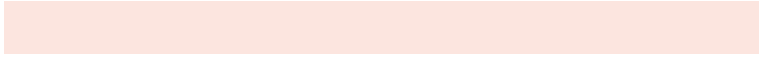
82.0618, 0.3327, 0.3351



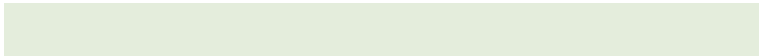
82.0618, 0.2979, 0.3318

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0618, 0.3327, 0.3351



82.0618, 0.3170, 0.3461



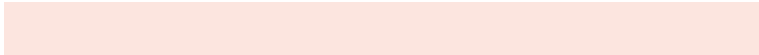
82.0618, 0.2932, 0.3224



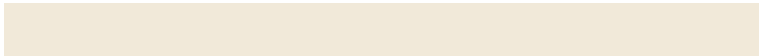
82.0618, 0.3082, 0.3126

Rectangle

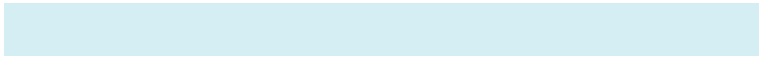
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0618, 0.3327, 0.3351



82.0618, 0.3288, 0.3460



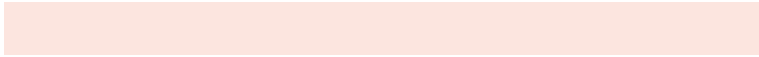
82.0618, 0.2932, 0.3224



82.0618, 0.2967, 0.3122

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.0654, 0.3327, 0.3351



95.7116, 0.3175, 0.3305



80.1261, 0.3178, 0.3062



20.2460, 0.3188, 0.3310



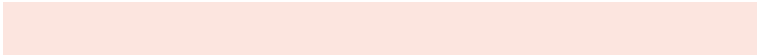
0.0000, 0.0000, 0.0000



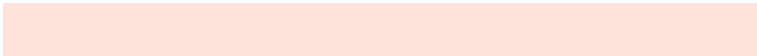
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0654, 0.3327, 0.3351



81.1765, 0.3377, 0.3365



90.2839, 0.3310, 0.3491



17.8097, 0.3289, 0.3340



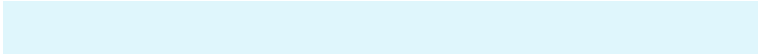
12.2467, 0.6164, 0.3488



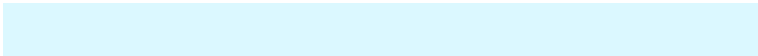
1.2793, 0.5945, 0.3661

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88.5914, 0.2949, 0.3228



89.2022, 0.2911, 0.3214



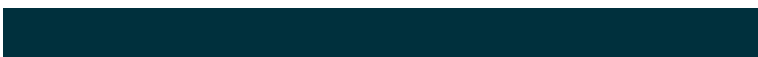
80.2500, 0.2946, 0.3080



18.9598, 0.2980, 0.3240



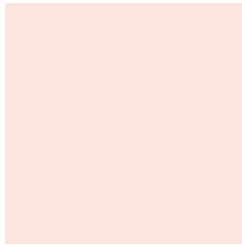
25.3047, 0.2057, 0.2606



2.4922, 0.2083, 0.2697

Previews

White Background



This preview shows how the Yxy color 82.0618, 0.3327, 0.3351 looks on a white background.

Color Contrast Check

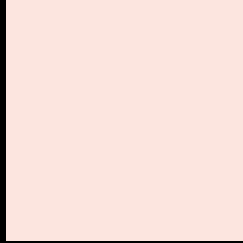
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 82.0618, 0.3327, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

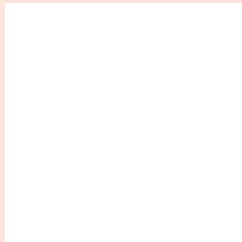
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0618, 0.3327, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 82.0618, 0.3327, 0.3351.

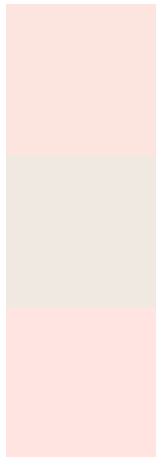


This preview shows how white text looks on a background with the Yxy color 82.0618, 0.3327, 0.3351.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.0618, 0.3327, 0.3351

Protanopia

82.2393, 0.3226, 0.3372

Deuteranopia

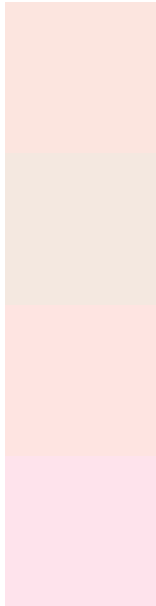
82.2378, 0.3330, 0.3311



Tritanopia

82.1844, 0.3212, 0.3114

Trichromacy



Original Color

82.0618, 0.3327, 0.3351

Protanomaly

82.3281, 0.3261, 0.3372

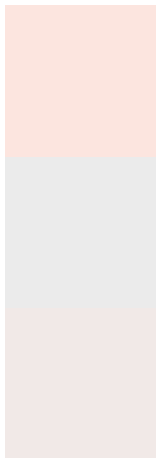
Deuteranomaly

81.9939, 0.3329, 0.3321

Tritanomaly

82.0651, 0.3257, 0.3201

Monochromacy



Original Color

82.0618, 0.3327, 0.3351

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7481, 0.3194, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0618, 0.3327, 0.3351 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 229, 223)` looks like.

```
.text, #text, p{  
    color:rgb(252, 229, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 229, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 229, 223) }
```

Border

The CSS property to change the border of an element to Yxy 82.0618, 0.3327, 0.3351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 229, 223) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 229, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 229, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 229, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 229, 223);  
box-shadow:4px 4px 4px 4px rgb(252, 229,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0618, 0.3327, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 229, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
229, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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