

Converting Colors

$Yxy(82.2483, 0.3265, 0.3204)$

Have a look what the booklet for
Yxy(82.2483, 0.3265, 0.3204)
contains.

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Color

Yxy(82.2543, 0.3264, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3EC
RGB	255, 227, 236
RGB Percent	100%, 89%, 93%
CMY	0.0000, 0.1098, 0.0747
CMYK	0.00, 0.11, 0.07, 0.00
HSL	341°, 100%, 95%
HSV	341°, 11%, 100%
XYZ	83.8470, 82.2543, 90.7829
YIQ	236.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 227, 236
Decimal	16770028
CIE Lab	92.69, 11.06, -0.85
CIE LCh	93, 11.088, 355.612
Yxy	82.2543, 0.3264, 0.3202
Android (android.graphics.Color)	4294960108 (0xFFFFE3EC)
YUV	236.3980, -0.1962, 16.3140
Hunter-Lab	90.6942, 6.3089, 4.1379

Details

The Yxy color $82.2543, 0.3264, 0.3202$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $94.5088, 0.3007, 0.3380$, and the grayscale version is $84.1942, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.8061, 0.3295, 0.3190$ is the 20% darker color. If you saturate the color by 10%, you get $68.3645, 0.3418, 0.3117$, and if you desaturate by 10%, it is $98.3112, 0.3138, 0.3282$.

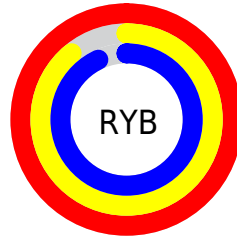
Distribution



Red (100%)

Green (89%)

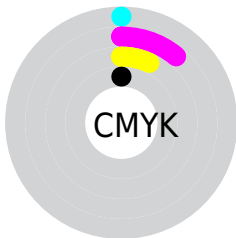
Blue (93%)



Red (100%)

Yellow (89%)

Blue (93%)

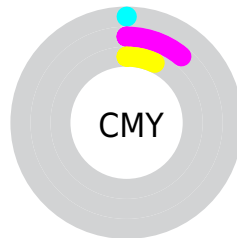


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (11%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2543, 0.3264, 0.3202 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 82.2543, 0.3264, 0.3202 by changing the saturation by 10% instead.


 82.2543, 0.3264,
0.3202

 82.2543, 0.3264,
0.3202


502.4979, 0.3202,
0.3242

 61.5752, 0.3278,
0.3193


136.5306, 0.3243,
0.3216

 44.6895, 0.3295,
0.3182


170.8965, 0.3234,
0.3221

 31.2129, 0.3316,
0.3169


210.5935, 0.3227,
0.3226

 20.7611, 0.3343,
0.3151

256.0059, 0.3221,
0.3230

 12.9495, 0.3380,
0.3128

307.5181, 0.3215,
0.3233

 7.3937, 0.3432,
0.3095

365.5146, 0.3210,

 3.7095, 0.3510,

0.3236

0.3046

430.3798, 0.3206,
0.3239

■ 1.5124, 0.3641,
0.2963

■ 0.2975, 0.4481,
0.2412

■ 82.2543, 0.3264,
0.3202

■ 82.2543, 0.3264,
0.3202

■ 68.3645, 0.3418,
0.3117

■ 98.3112, 0.3138,
0.3282

■ 56.5434, 0.3607,
0.3029

■ 100.0000, 0.3127,
0.3290

■ 46.6926, 0.3836,
0.2943

■ 38.7037, 0.4108,
0.2864

■ 32.4577, 0.4423,
0.2804

■ 27.8216, 0.4770,
0.2774

■ 24.6431, 0.5130,
0.2785

■ 22.7400, 0.5471,
0.2846

■ 21.8625, 0.5740,
0.2936

Harmonies

Analogous

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



82.2543, 0.3139, 0.3116



82.2543, 0.3264, 0.3202



82.2543, 0.3353, 0.3311

Triad

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



82.2543, 0.3264, 0.3202



82.2543, 0.3239, 0.3515



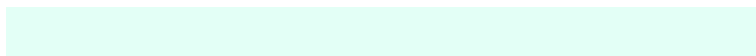
82.2543, 0.2880, 0.3155

Complementary

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



82.2543, 0.3264, 0.3202



94.5088, 0.3007, 0.3380

Split Complementary

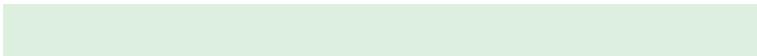
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2543, 0.2906, 0.3262



82.2543, 0.3264, 0.3202



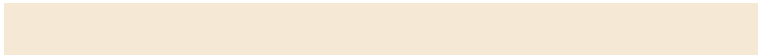
82.2543, 0.3112, 0.3473

Square

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



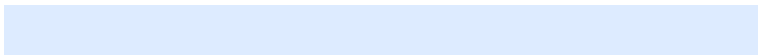
82.2543, 0.3264, 0.3202



82.2543, 0.3338, 0.3493



82.2543, 0.2990, 0.3380



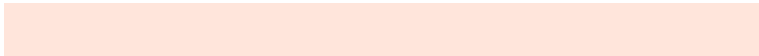
82.2543, 0.2919, 0.3088

Rectangle

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



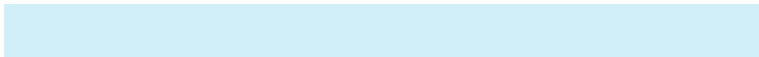
82.2543, 0.3264, 0.3202



82.2543, 0.3379, 0.3384



82.2543, 0.2990, 0.3380



82.2543, 0.2882, 0.3188

Sweetspot

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



82.2560, 0.3264, 0.3202



94.8852, 0.3162, 0.3267



81.6953, 0.3077, 0.3014



20.0240, 0.3171, 0.3260



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

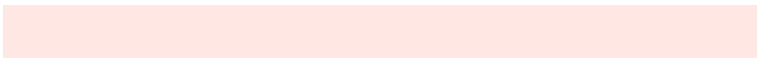
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2560, 0.3264, 0.3202



79.2748, 0.3293, 0.3185



84.3357, 0.3318, 0.3337



18.0828, 0.3244, 0.3214



11.4475, 0.5697, 0.2912



1.1335, 0.5378, 0.2736

Inverse Universe

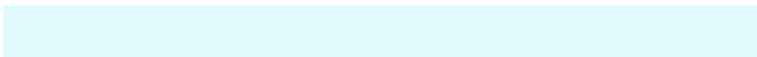
The Inverse Universe completely reimagines the original color for something new.



82.2560, 0.3264, 0.3202



79.2748, 0.3293, 0.3185



92.1314, 0.2957, 0.3243



18.0828, 0.3244, 0.3214



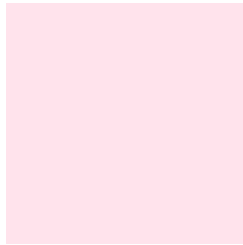
11.4475, 0.5697, 0.2912



1.1335, 0.5378, 0.2736

Previews

White Background



This preview shows how the Yxy color 82.2543, 0.3264, 0.3202 looks on a white background.

Color Contrast Check

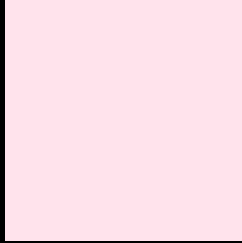
Large Text (above 18pt) WCAG AA × Fail

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 82.2543, 0.3264, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

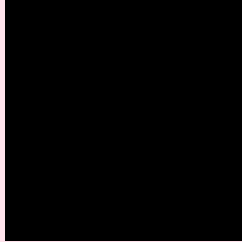
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.2543, 0.3264, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 82.2543, 0.3264, 0.3202.

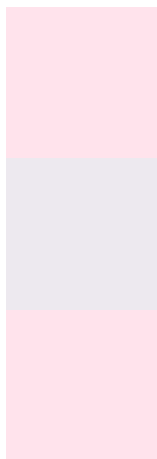


This preview shows how white text looks on a background with the Yxy color 82.2543, 0.3264, 0.3202.

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

82.2543, 0.3264, 0.3202

Protanopia

82.5143, 0.3117, 0.3229

Deuteranopia

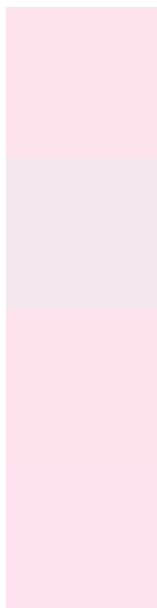
82.2543, 0.3264, 0.3202



Tritanopia

82.1238, 0.3218, 0.3123

Trichromacy



Original Color

82.2543, 0.3264, 0.3202

Protanomaly

82.5580, 0.3171, 0.3220

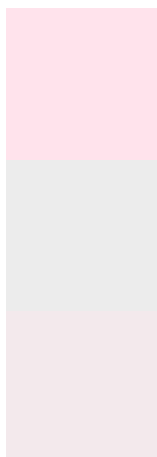
Deuteranomaly

82.2543, 0.3264, 0.3202

Tritanomaly

81.9440, 0.3238, 0.3153

Monochromacy



Original Color

82.2543, 0.3264, 0.3202

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.3886, 0.3176, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2543, 0.3264, 0.3202 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(255, 227, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 236)  
}
```

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(255, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 236) }
```

Border

The CSS property to change the border of an element to Yxy 82.2543, 0.3264, 0.3202 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(255, 227, 236) }
```

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

```
.border{ border-color:rgb(255, 227, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2543, 0.3264, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 236) }
```

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

```
.background{ background-color: rgb(255,  
227, 236) }
```

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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