

Converting Colors

$Y_{xy}(82.0511, 0.3277, 0.3220)$

Have a look what the booklet for
Yxy(82.0511, 0.3277, 0.3220)
contains.

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Color

Yxy(82.1387, 0.3277, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3EA
RGB	255, 227, 234
RGB Percent	100%, 89%, 92%
CMY	0.0000, 0.1098, 0.0823
CMYK	0.00, 0.11, 0.08, 0.00
HSL	345°, 100%, 95%
HSV	345°, 11%, 100%
XYZ	83.5668, 82.1387, 89.3045
YIQ	236.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

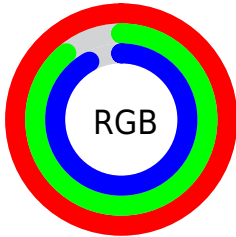
Format	Color
R_{YB}	255, 227, 234
Decimal	16770026
CIE _{Lab}	92.64, 10.74, 0.09
CIE _{LCh}	93, 10.741, 0.487
Yxy	82.1387, 0.3277, 0.3221
Android (android.graphics.Color)	4294960106 (0xFFFFE3EA)
YUV	236.1700, -1.0698, 16.5139
Hunter-Lab	90.6304, 5.9847, 5.0187

Details

The Yxy color $82.1387, 0.3277, 0.3221$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $94.6268, 0.2996, 0.3360$, and the grayscale version is $84.0178, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.7252, 0.3312, 0.3215$ is the 20% darker color. If you saturate the color by 10%, you get $68.1679, 0.3447, 0.3154$, and if you desaturate by 10%, it is $98.2943, 0.3139, 0.3284$.

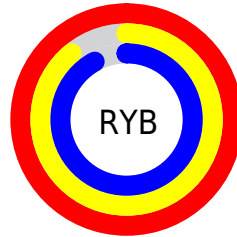
Distribution



Red (100%)

Green (89%)

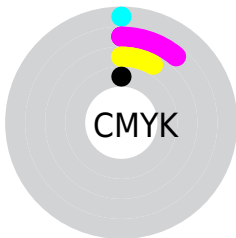
Blue (92%)



Red (100%)

Yellow (89%)

Blue (92%)

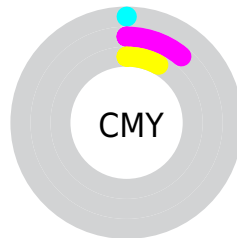


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1387, 0.3277, 0.3221 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 82.1387, 0.3277, 0.3221 by changing the saturation by 10% instead.


 82.1387, 0.3277,
0.3221

 82.1387, 0.3277,
0.3221


502.1115, 0.3209,
0.3252

 61.4799, 0.3292,
0.3214

136.3685, 0.3254,
0.3232

 44.6126, 0.3311,
0.3205


170.7082, 0.3245,
0.3236

 31.1524, 0.3334,
0.3195


210.3771, 0.3237,
0.3240

 20.7149, 0.3364,
0.3181

255.7594, 0.3230,
0.3243

 12.9158, 0.3405,
0.3162

307.2396, 0.3224,
0.3246

 7.3706, 0.3462,
0.3135

365.2021, 0.3218,

 3.6949, 0.3549,

0.3248

0.3095

430.0313, 0.3213,
0.3250

■ 1.5044, 0.3695,
0.3027

■ 0.2918, 0.4722,
0.2554

■ 82.1387, 0.3277,
0.3221

■ 82.1387, 0.3277,
0.3221

■ 68.1679, 0.3447,
0.3154

■ 98.2943, 0.3139,
0.3284

■ 56.2867, 0.3656,
0.3085

■ 100.0000, 0.3127,
0.3290

■ 46.3944, 0.3911,
0.3018

■ 38.3814, 0.4216,
0.2957

■ 32.1274, 0.4568,
0.2913

■ 27.4983, 0.4955,
0.2896

■ 24.3402, 0.5349,
0.2917

■ 22.4692, 0.5709,
0.2980

■ 21.6293, 0.5973,
0.3064

Harmonies

Analogous

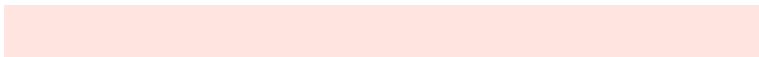
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1387, 0.3159, 0.3133



82.1387, 0.3277, 0.3221



82.1387, 0.3355, 0.3328

Triad

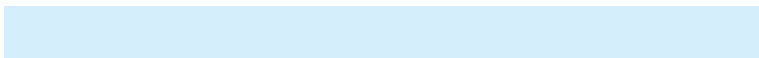
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1387, 0.3277, 0.3221



82.1387, 0.3217, 0.3505



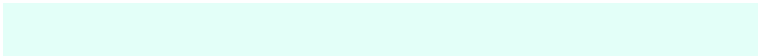
82.1387, 0.2890, 0.3146

Complementary

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



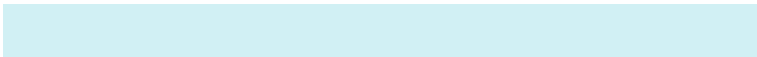
82.1387, 0.3277, 0.3221



94.6268, 0.2996, 0.3360

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.



82.1387, 0.2905, 0.3245



82.1387, 0.3277, 0.3221



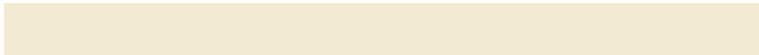
82.1387, 0.3092, 0.3456

Square

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



82.1387, 0.3277, 0.3221



82.1387, 0.3319, 0.3494



82.1387, 0.2978, 0.3359



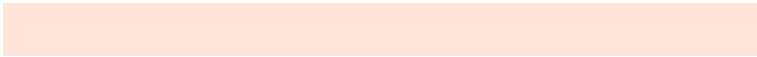
82.1387, 0.2937, 0.3088

Rectangle

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



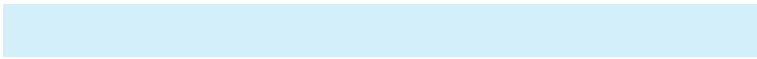
82.1387, 0.3277, 0.3221



82.1387, 0.3373, 0.3398



82.1387, 0.2978, 0.3359



82.1387, 0.2888, 0.3175

Sweetspot

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



82.1390, 0.3277, 0.3221



94.8521, 0.3165, 0.3272



82.0286, 0.3089, 0.3015



20.0151, 0.3175, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

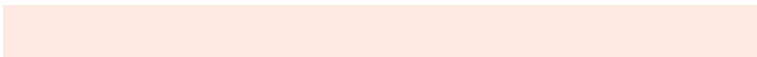
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1390, 0.3277, 0.3221



79.1451, 0.3308, 0.3208



85.3856, 0.3316, 0.3355



18.0618, 0.3255, 0.3231



11.3218, 0.5933, 0.3042



1.1190, 0.5619, 0.2869

Inverse Universe

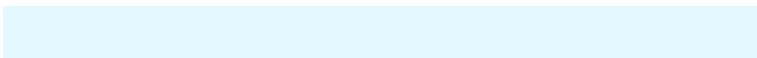
The Inverse Universe completely reimagines the original color for something new.



82.1390, 0.3277, 0.3221



79.1451, 0.3308, 0.3208



90.9726, 0.2957, 0.3224



18.0618, 0.3255, 0.3231



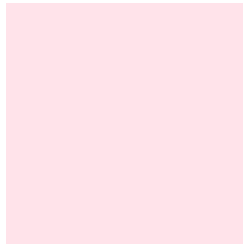
11.3218, 0.5933, 0.3042



1.1190, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 82.1387, 0.3277, 0.3221 looks on a white background.

Color Contrast Check

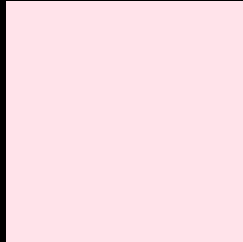
Large Text (above 18pt) WCAG AA × Fail

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 82.1387, 0.3277, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

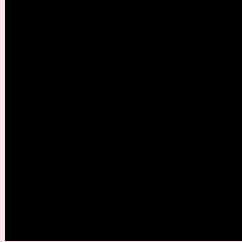
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1387, 0.3277, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 82.1387, 0.3277, 0.3221.

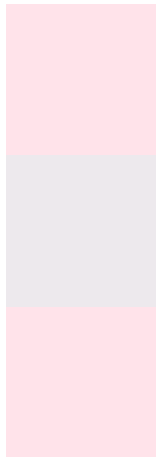


This preview shows how white text looks on a background with the Yxy color 82.1387, 0.3277, 0.3221.

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

82.1387, 0.3277, 0.3221

Protanopia

82.3968, 0.3129, 0.3249

Deuteranopia

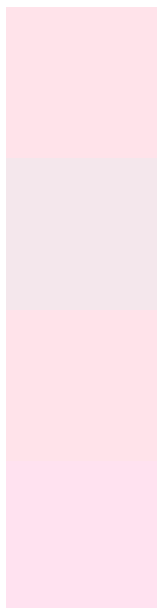
82.1387, 0.3277, 0.3221



Tritanopia

82.1238, 0.3218, 0.3123

Trichromacy



Original Color

82.1387, 0.3277, 0.3221

Protanomaly

82.4411, 0.3184, 0.3240

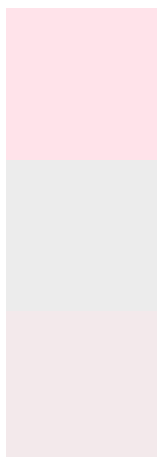
Deuteranomaly

82.1387, 0.3277, 0.3221

Tritanomaly

81.9440, 0.3238, 0.3153

Monochromacy



Original Color

82.1387, 0.3277, 0.3221

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.3307, 0.3182, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1387, 0.3277, 0.3221 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 234) }
```

Border

The CSS property to change the border of an element to Yxy 82.1387, 0.3277, 0.3221 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, 234) }
```

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

```
.border{ border-color:rgb(255, 227, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1387, 0.3277, 0.3221 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
227, 234) }
```

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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