

Converting Colors

$Y_{xy}(34.3655, 0.4498, 0.3206)$

Have a look what the booklet for
Yxy(34.3655, 0.4498, 0.3206)
contains.

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Color

Yxy(34.4039, 0.4503, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	F57880
RGB	245, 120, 128
RGB Percent	96%, 47%, 50%
CMY	0.0393, 0.5293, 0.4981
CMYK	0.00, 0.51, 0.48, 0.04
HSL	356°, 86%, 72%
HSV	356°, 51%, 96%
XYZ	48.2619, 34.4039, 24.5114
YIQ	158.2870, 71.9320, 28.9880

Conversions

Conversions Part 2

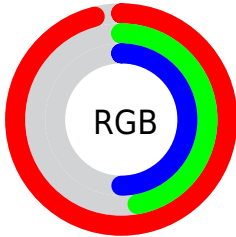
Format	Color
R_{YB}	245, 120, 128
Decimal	16087168
CIE _{Lab}	65.28, 48.54, 18.48
CIE _{LCh}	65, 51.939, 20.838
Yxy	34.4039, 0.4503, 0.3210
Android (android.graphics.Color)	4294277248 (0xFFFF57880)
YUV	158.2870, -14.9315, 76.0473
Hunter-Lab	58.6548, 44.2260, 16.2815

Details

The Yxy color **34.4039, 0.4503, 0.3210** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **75.4018, 0.2499, 0.3384**, and the grayscale version is **34.3762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2561, 0.3793, 0.3229**, and **14.6513, 0.4943, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **28.7092, 0.4947, 0.3203**, and if you desaturate by 10%, it is **41.7458, 0.4114, 0.3223**.

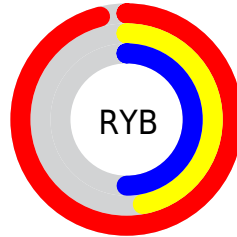
Distribution



Red (96%)

Green (47%)

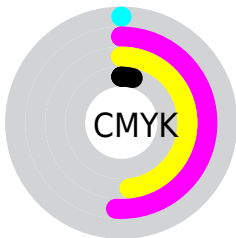
Blue (50%)



Red (96%)

Yellow (47%)

Blue (50%)

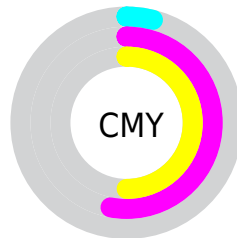


Cyan (0%)

Magenta (51%)

Yellow (48%)

Black (4%)



Cyan (4%)


Magenta (53%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4039, 0.4503, 0.3210 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 34.4039, 0.4503, 0.3210 by changing the saturation by 10% instead.


 34.4039, 0.4503,
0.3210


 34.4039, 0.4503,
0.3210


321.9293, 0.3775,
0.3281


 23.2041, 0.4695,
0.3181


 66.5613, 0.4230,
0.3244

 14.7443, 0.4945,
0.3136


 88.2876, 0.4130,
0.3254

 8.6401, 0.5284,
0.3064


 114.2915, 0.4047,
0.3262

 4.5072, 0.5761,
0.2940

144.9575, 0.3976,
0.3268

 1.9611, 0.6512,
0.2724

180.6698, 0.3915,
0.3273

 0.5847, 0.7821,
0.2179

221.8130, 0.3862,

 0.0000, 1.0000,

0.3276

0.0000

268.7714, 0.3816,
0.3279

■ 0.0000, 0.0000,
0.0000

■ 34.4039, 0.4503,
0.3210

■ 34.4039, 0.4503,
0.3210

■ 28.7092, 0.4947,
0.3203

■ 41.7458, 0.4114,
0.3223

■ 24.5296, 0.5415,
0.3206

■ 50.8429, 0.3789,
0.3239

■ 21.7218, 0.5849,
0.3221

■ 61.8004, 0.3524,
0.3256

■ 20.1123, 0.6178,
0.3248

■ 74.7135, 0.3312,
0.3273

■ 19.4446, 0.6351,
0.3272

■ 89.6711, 0.3142,
0.3289

 98.1484, 0.3066,
0.3290

Harmonies

Analogous

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



34.4039, 0.3844, 0.2685



34.4039, 0.4503, 0.3210



34.4039, 0.4714, 0.3792

Triad

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



34.4039, 0.4503, 0.3210



34.4039, 0.3067, 0.4655



34.4039, 0.1899, 0.2146

Complementary

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



34.4039, 0.4503, 0.3210



75.4018, 0.2499, 0.3384

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.



34.4039, 0.1756, 0.2481



34.4039, 0.4503, 0.3210



34.4039, 0.2366, 0.4002

Square

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



34.4039, 0.4503, 0.3210



34.4039, 0.3825, 0.4735



34.4039, 0.1907, 0.3138



34.4039, 0.2327, 0.2098

Rectangle

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



34.4039, 0.4503, 0.3210



34.4039, 0.4577, 0.4175



34.4039, 0.1907, 0.3138



34.4039, 0.1819, 0.2223

Sweetspot

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



34.4057, 0.4503, 0.3210



75.8811, 0.3392, 0.3266



37.9744, 0.3108, 0.2035



15.6031, 0.3437, 0.3263



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.



34.4057, 0.4503, 0.3210



31.3809, 0.4953, 0.3203



51.1037, 0.4259, 0.3872



16.4996, 0.3284, 0.3275



10.4841, 0.6334, 0.3263



0.9273, 0.6172, 0.3174

Inverse Universe

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



34.4057, 0.4503, 0.3210



31.3809, 0.4953, 0.3203



47.7745, 0.2328, 0.2597



16.4996, 0.3284, 0.3275



10.4841, 0.6334, 0.3263



0.9273, 0.6172, 0.3174

Previews

White Background



This preview shows how the Yxy color 34.4039, 0.4503, 0.3210 looks on a white background.

Color Contrast Check

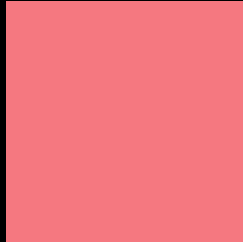
Large Text (above 18pt) WCAG AA × Fail

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 34.4039, 0.4503, 0.3210 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 34.4039, 0.4503, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 34.4039, 0.4503, 0.3210.



This preview shows how white text looks on a background with the Yxy color 34.4039, 0.4503, 0.3210.

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

34.4039, 0.4503, 0.3210

Protanopia

34.5596, 0.3298, 0.3452

Deuteranopia

34.3256, 0.3773, 0.3695



Tritanopia

34.4039, 0.4503, 0.3210

Trichromacy



Original Color

34.4039, 0.4503, 0.3210

Protanomaly

33.3093, 0.3712, 0.3346

Deuteranomaly

33.5022, 0.4037, 0.3485

Tritanomaly

34.4039, 0.4503, 0.3210

Monochromacy



Original Color

34.4039, 0.4503, 0.3210

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.0003, 0.3593, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4039, 0.4503, 0.3210 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(245, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(245, 120, 128)  
}
```

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(245, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 120, 128) }
```

Border

The CSS property to change the border of an element to Yxy 34.4039, 0.4503, 0.3210 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(245, 120, 128) }
```

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

```
.border{ border-color:rgb(245, 120, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 120, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 120, 128);  
box-shadow:4px 4px 4px 4px rgb(245, 120,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4039, 0.4503, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 120, 128) }
```

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

```
.background{ background-color: rgb(245,  
120, 128) }
```

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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