

Converting Colors

Yxy(51.8999, 0.3822, 0.3331)

Have a look what the booklet for
Yxy(51.8999, 0.3822, 0.3331)
contains.

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Color

Yxy(51.7821, 0.3825, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	F5ACA9
RGB	245, 172, 169
RGB Percent	96%, 67%, 66%
CMY	0.0392, 0.3255, 0.3373
CMYK	0.00, 0.30, 0.31, 0.04
HSL	2°, 79%, 81%
HSV	2°, 31%, 96%
XYZ	59.5689, 51.7821, 44.3847
YIQ	193.4850, 44.4710, 14.5430

Conversions

Conversions Part 2

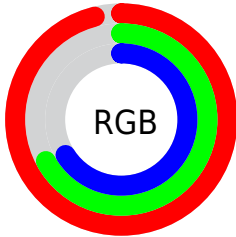
Format	Color
R _Y B	245, 172, 169
Decimal	16100521
CIE Lab	77.15, 26.38, 12.31
CIE LCh	77, 29.109, 25.019
Yxy	51.7821, 0.3825, 0.3325
Android (android.graphics.Color)	4294290601 (0xFFF5ACA9)
YUV	193.4850, -12.0711, 45.1787
Hunter-Lab	71.9598, 21.8341, 13.8019

Details

The Yxy color **51.7821, 0.3825, 0.3325** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78.5178, 0.2677, 0.3255**, and the grayscale version is **53.6827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1286, 0.3343, 0.3331**, and **25.0428, 0.4018, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **42.7722, 0.4165, 0.3337**, and if you desaturate by 10%, it is **62.5545, 0.3547, 0.3313**.

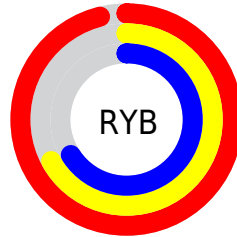
Distribution



Red (96%)

Green (67%)

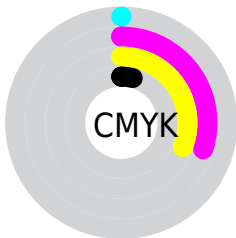
Blue (66%)



Red (96%)

Yellow (67%)

Blue (66%)

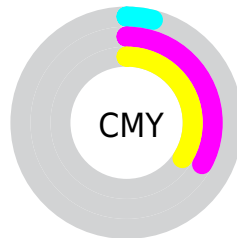


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (4%)



Cyan (4%)

Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7821, 0.3825, 0.3325 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 51.7821, 0.3825, 0.3325 by changing the saturation by 10% instead.


 51.7821, 0.3825,
0.3325

 51.7821, 0.3825,
0.3325

393.5948, 0.3479,
0.3316

 36.8314, 0.3910,
0.3325


 92.8098, 0.3700,
0.3324

 25.0770, 0.4019,
0.3323


119.6556, 0.3653,
0.3323

 16.1344, 0.4162,
0.3318


151.2353, 0.3613,
0.3322

 9.6193, 0.4358,
0.3306

187.9331, 0.3578,
0.3321

 5.1473, 0.4643,
0.3281

230.1336, 0.3549,
0.3319

 2.3339, 0.5087,
0.3220

278.2212, 0.3522,

 0.7916, 0.6582,

0.3318

0.3412

332.5801, 0.3499,
0.3317

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.7821, 0.3825,
0.3325

51.7821, 0.3825,
0.3325

42.7722, 0.4165,
0.3337

62.5545, 0.3547,
0.3313

35.4240, 0.4570,
0.3347

75.1684, 0.3323,
0.3302

29.6384, 0.5027,
0.3353

89.7068, 0.3143,
0.3291

25.3021, 0.5500,
0.3353

98.1524, 0.3066,
0.3290

■ 22.2870, 0.5927,
0.3344

■ 20.4424, 0.6234,
0.3329

■ 19.6237, 0.6381,
0.3316

Harmonies

Analogous

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



51.7821, 0.3537, 0.3019



51.7821, 0.3825, 0.3325



51.7821, 0.3911, 0.3641

Triad

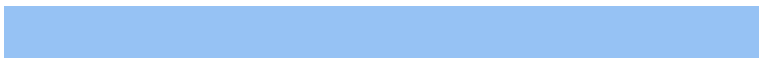
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.7821, 0.3825, 0.3325



51.7821, 0.3072, 0.3884



51.7821, 0.2504, 0.2685

Complementary

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



51.7821, 0.3825, 0.3325



78.5178, 0.2677, 0.3255

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.



51.7821, 0.2400, 0.2868



51.7821, 0.3825, 0.3325



51.7821, 0.2714, 0.3575

Square

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



51.7821, 0.3825, 0.3325



51.7821, 0.3461, 0.3998



51.7821, 0.2473, 0.3191



51.7821, 0.2768, 0.2660

Rectangle

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



51.7821, 0.3825, 0.3325



51.7821, 0.3841, 0.3822



51.7821, 0.2473, 0.3191



51.7821, 0.2450, 0.2729

Sweetspot

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



51.7846, 0.3825, 0.3325



85.3453, 0.3284, 0.3299



54.2225, 0.3183, 0.2541



17.7954, 0.3312, 0.3301



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.



51.7846, 0.3825, 0.3325



50.5149, 0.4023, 0.3332



68.1365, 0.3702, 0.3723



16.5880, 0.3293, 0.3300



10.6185, 0.6372, 0.3322



0.9697, 0.6301, 0.3379

Inverse Universe

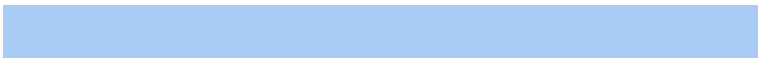
The Inverse Universe completely reimagines the original color for something new.



78.5178, 0.2677, 0.3255



83.9119, 0.2602, 0.3247



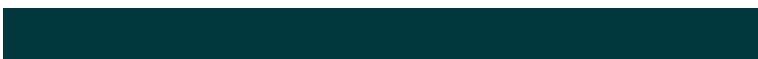
58.4307, 0.2625, 0.2812



18.6382, 0.2981, 0.3280



35.6928, 0.2213, 0.3166



3.1716, 0.2217, 0.3182

Previews

White Background



This preview shows how the Yxy color 51.7821, 0.3825, 0.3325 looks on a white background.

Color Contrast Check

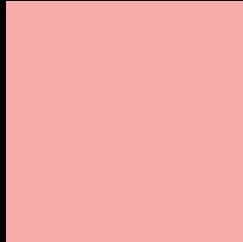
Large Text (above 18pt) WCAG AA × Fail

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 51.7821, 0.3825, 0.3325 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 51.7821, 0.3825, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 51.7821, 0.3825, 0.3325.



This preview shows how white text looks on a background with the Yxy color 51.7821, 0.3825, 0.3325.

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

51.7821, 0.3825, 0.3325

Protanopia

51.9519, 0.3270, 0.3427

Deuteranopia

51.9764, 0.3564, 0.3493



Tritanopia

51.7612, 0.3709, 0.3151

Trichromacy



Original Color

51.7821, 0.3825, 0.3325



Protanomaly

51.2583, 0.3462, 0.3387



Deuteranomaly

51.9637, 0.3656, 0.3430



Tritanomaly

51.9330, 0.3753, 0.3216

Monochromacy



Original Color

51.7821, 0.3825, 0.3325



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.1557, 0.3366, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7821, 0.3825, 0.3325 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, 172, 169)` looks like.

```
.text, #text, p{  
    color:rgb(245, 172, 169)  
}
```

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, 172, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 172, 169) }
```

Border

The CSS property to change the border of an element to Yxy 51.7821, 0.3825, 0.3325 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, 172, 169) }
```

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

```
.border{ border-color:rgb(245, 172, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 172, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 172, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 172, 169);  
box-shadow:4px 4px 4px 4px rgb(245, 172,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7821, 0.3825, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 172, 169) }
```

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

```
.background{ background-color: rgb(245,  
172, 169) }
```

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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