

Converting Colors

Yxy(51.9860, 0.3800, 0.3296)

Have a look what the booklet for
Yxy(51.9860, 0.3800, 0.3296)
contains.

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Color

Yxy(51.8961, 0.3797, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	F5ACAC
RGB	245, 172, 172
RGB Percent	96%, 67%, 67%
CMY	0.0392, 0.3255, 0.3255
CMYK	0.00, 0.30, 0.30, 0.04
HSL	0°, 79%, 82%
HSV	0°, 30%, 96%
XYZ	59.8571, 51.8961, 45.8899
YIQ	193.8270, 43.5080, 15.4760

Conversions

Conversions Part 2

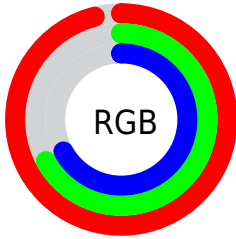
Format	Color
R _Y B	245, 172, 172
Decimal	16100524
CIE Lab	77.22, 26.77, 10.77
CIE LCh	77, 28.858, 21.916
Yxy	51.8961, 0.3797, 0.3292
Android (android.graphics.Color)	4294290604 (0xFFF5ACAC)
YUV	193.8270, -10.7607, 44.8787
Hunter-Lab	72.0389, 22.2473, 12.6586

Details

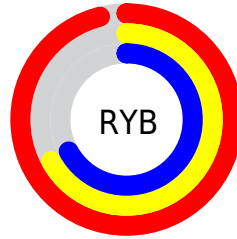
The Yxy color **51.8961, 0.3797, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80.6706, 0.2697, 0.3289**, and the grayscale version is **53.8882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2929, 0.3323, 0.3301**, and **25.1145, 0.3979, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **42.5606, 0.4138, 0.3293**, and if you desaturate by 10%, it is **63.1289, 0.3521, 0.3291**.

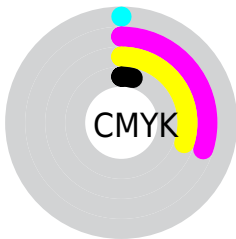
Distribution



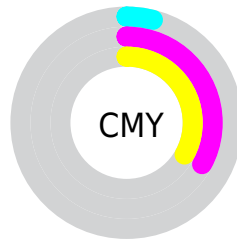
- Red (96%)
- Green (67%)
- Blue (67%)



- Red (96%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8961, 0.3797, 0.3292 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 51.8961, 0.3797, 0.3292 by changing the saturation by 10% instead.

 51.8961, 0.3797,
0.3292

 51.8961, 0.3797,
0.3292


394.0354, 0.3465,
0.3299

 36.9223, 0.3879,
0.3288


 92.9780, 0.3677,
0.3296

 25.1473, 0.3983,
0.3282


119.8548, 0.3632,
0.3297

 16.1868, 0.4120,
0.3272


151.4681, 0.3594,
0.3298

 9.6565, 0.4308,
0.3255

188.2023, 0.3561,
0.3298

 5.1718, 0.4582,
0.3222

230.4417, 0.3532,
0.3298

 2.3484, 0.5011,
0.3152

278.5708, 0.3507,

 0.7992, 0.6288,

0.3298

0.3238

332.9738, 0.3485,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8961, 0.3797,
0.3292

51.8961, 0.3797,
0.3292

42.5606, 0.4138,
0.3293

63.1289, 0.3521,
0.3291

35.0110, 0.4546,
0.3294

76.3479, 0.3300,
0.3291

29.1355, 0.5011,
0.3296

91.6450, 0.3124,
0.3290

24.8068, 0.5495,
0.3297

98.1541, 0.3066,
0.3290

■ 21.8793, 0.5931,
0.3298

■ 20.1798, 0.6243,
0.3299

■ 19.4262, 0.6398,
0.3300

■ 19.4145, 0.6401,
0.3300

Harmonies

Analogous

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



51.8961, 0.3495, 0.2993



51.8961, 0.3797, 0.3292



51.8961, 0.3905, 0.3608

Triad

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



51.8961, 0.3797, 0.3292



51.8961, 0.3113, 0.3900



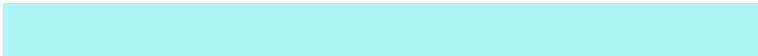
51.8961, 0.2491, 0.2702

Complementary

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



51.8961, 0.3797, 0.3292



80.6706, 0.2697, 0.3289

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.



51.8961, 0.2406, 0.2900



51.8961, 0.3797, 0.3292



51.8961, 0.2750, 0.3610

Square

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



51.8961, 0.3797, 0.3292



51.8961, 0.3495, 0.3990



51.8961, 0.2497, 0.3230



51.8961, 0.2738, 0.2661

Rectangle

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



51.8961, 0.3797, 0.3292



51.8961, 0.3852, 0.3793



51.8961, 0.2497, 0.3230



51.8961, 0.2444, 0.2751

Sweetspot

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



51.8986, 0.3797, 0.3292



84.8313, 0.3285, 0.3290



55.5113, 0.3162, 0.2548



17.6702, 0.3313, 0.3291



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.



51.8986, 0.3797, 0.3292



50.1793, 0.4003, 0.3293



67.7500, 0.3683, 0.3681



16.4827, 0.3294, 0.3291



10.4582, 0.6401, 0.3300



0.9192, 0.6401, 0.3300

Inverse Universe

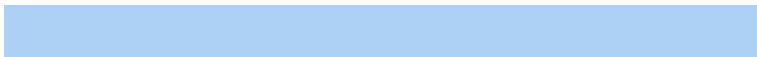
The Inverse Universe completely reimagines the original color for something new.



80.6706, 0.2697, 0.3289



86.5435, 0.2620, 0.3288



60.7210, 0.2649, 0.2864



18.7576, 0.2981, 0.3290



38.7270, 0.2247, 0.3287



3.4038, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 51.8961, 0.3797, 0.3292 looks on a white background.

Color Contrast Check

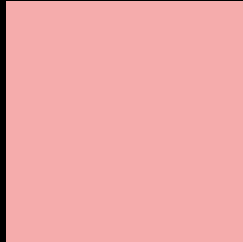
Large Text (above 18pt) WCAG AA × Fail

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 51.8961, 0.3797, 0.3292 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 51.8961, 0.3797, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 51.8961, 0.3797, 0.3292.



This preview shows how white text looks on a background with the Yxy color 51.8961, 0.3797, 0.3292.

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

51.8961, 0.3797, 0.3292

Protanopia

52.0746, 0.3247, 0.3389

Deuteranopia

51.9350, 0.3529, 0.3458



Tritanopia

51.7612, 0.3709, 0.3151

Trichromacy



Original Color

51.8961, 0.3797, 0.3292



Protanomaly

51.3775, 0.3437, 0.3351



Deuteranomaly

51.9137, 0.3620, 0.3395



Tritanomaly

51.9733, 0.3744, 0.3205

Monochromacy



Original Color

51.8961, 0.3797, 0.3292



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.8091, 0.3356, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8961, 0.3797, 0.3292 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, 172)` looks like.

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

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, 172) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 51.8961, 0.3797, 0.3292 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, 172) }
```

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

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

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, 172)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 51.8961, 0.3797, 0.3292 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, 172) }
```

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

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

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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