

Converting Colors

Yxy(51.8720, 0.3197, 0.3353)

Have a look what the booklet for
Yxy(51.8720, 0.3197, 0.3353)
contains.

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Color

Yxy(51.7990, 0.3198, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	C2BEB9
RGB	194, 190, 185
RGB Percent	76%, 75%, 73%
CMY	0.2393, 0.2549, 0.2744
CMYK	0.00, 0.02, 0.05, 0.24
HSL	33°, 7%, 74%
HSV	33°, 5%, 76%
XYZ	49.4192, 51.7990, 53.3134
YIQ	190.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

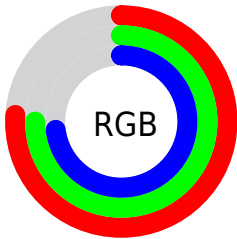
Format	Color
RYB	192, 194, 185
Decimal	12762809
CIELab	77.16, 0.50, 2.99
CIELCh	77, 3.028, 80.408
Yxy	51.7990, 0.3198, 0.3352
Android (android.graphics.Color)	4290952889 (0xFFC2BEB9)
YUV	190.6260, -2.7736, 2.9590
Hunter-Lab	71.9715, -3.3832, 6.4606

Details

The Yxy color **51.7990, 0.3198, 0.3352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6184, 0.3057, 0.3227**, and the grayscale version is **51.8886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5864, 0.3183, 0.3339**, and **25.1327, 0.3212, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **47.4065, 0.3366, 0.3492**, and if you desaturate by 10%, it is **56.5293, 0.3050, 0.3220**.

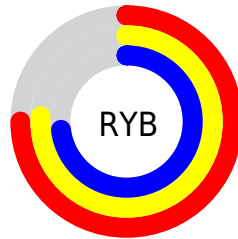
Distribution



Red (76%)

Green (75%)

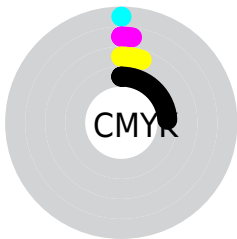
Blue (73%)



Red (75%)

Yellow (76%)

Blue (73%)

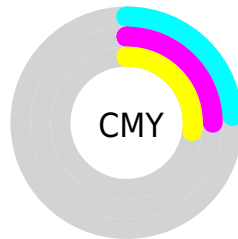


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7990, 0.3198, 0.3352 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 51.7990, 0.3198, 0.3352 by changing the saturation by 10% instead.


 51.7990, 0.3198,
0.3352

 51.7990, 0.3198,
0.3352

393.6601, 0.3163,
0.3322

 36.8449, 0.3207,
0.3359


 92.8347, 0.3185,
0.3341

 25.0874, 0.3217,
0.3369


119.6852, 0.3181,
0.3337

 16.1422, 0.3232,
0.3381


151.2698, 0.3177,
0.3333

 9.6248, 0.3251,
0.3398

187.9731, 0.3173,
0.3330

 5.1509, 0.3280,
0.3423

230.1793, 0.3170,
0.3328

 2.3361, 0.3327,
0.3463

278.2730, 0.3168,

 0.7927, 0.3460,

0.3326

0.3582

332.6385, 0.3165,
0.3323

0.0000, 0.0000,
0.0000

51.7990, 0.3198,
0.3352

51.7990, 0.3198,
0.3352

47.4065, 0.3366,
0.3492

56.5293, 0.3050,
0.3220

43.3369, 0.3555,
0.3638

61.5988, 0.2919,
0.3097

39.5837, 0.3765,
0.3787

67.0172, 0.2805,
0.2984

36.1377, 0.3994,
0.3931

72.2904, 0.2745,
0.2958

32.9892, 0.4238,
0.4063

77.0648, 0.2753,
0.3054

■ 30.1277, 0.4489,
0.4171

■ 82.0784, 0.2761,
0.3148

■ 27.5418, 0.4735,
0.4244

■ 87.3347, 0.2769,
0.3241

■ 25.2191, 0.4962,
0.4270

■ 90.2077, 0.2773,
0.3289

■ 23.1450, 0.5156,
0.4242

Harmonies

Analogous

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



51.7990, 0.3207, 0.3326



51.7990, 0.3198, 0.3352



51.7990, 0.3170, 0.3361

Triad

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



51.7990, 0.3198, 0.3352



51.7990, 0.3060, 0.3288



51.7990, 0.3124, 0.3230

Complementary

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



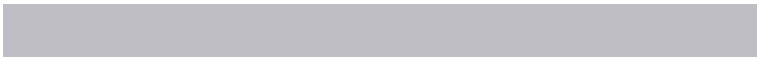
51.7990, 0.3198, 0.3352



50.6184, 0.3057, 0.3227

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.



51.7990, 0.3085, 0.3220



51.7990, 0.3198, 0.3352



51.7990, 0.3048, 0.3253

Square

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



51.7990, 0.3198, 0.3352



51.7990, 0.3090, 0.3324



51.7990, 0.3057, 0.3228



51.7990, 0.3165, 0.3256

Rectangle

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



51.7990, 0.3198, 0.3352



51.7990, 0.3144, 0.3357



51.7990, 0.3057, 0.3228



51.7990, 0.3110, 0.3225

Sweetspot

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



51.8012, 0.3198, 0.3352



96.8755, 0.3142, 0.3304



49.8591, 0.3171, 0.3240



21.2240, 0.3142, 0.3303



0.0000, 0.0000, 0.0000



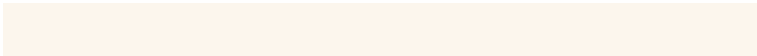
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8012, 0.3198, 0.3352



92.6460, 0.3222, 0.3372



53.4912, 0.3191, 0.3401



11.2603, 0.3229, 0.3379



14.7101, 0.5233, 0.4227



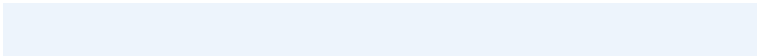
0.7714, 0.4941, 0.4459

Inverse Universe

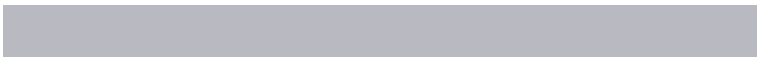
The Inverse Universe completely reimagines the original color for something new.



50.6184, 0.3057, 0.3227



89.8418, 0.3035, 0.3206



48.9837, 0.3062, 0.3177



10.8933, 0.3028, 0.3200



7.1315, 0.1727, 0.1418



0.4454, 0.1849, 0.1854

Previews

White Background



This preview shows how the Yxy color 51.7990, 0.3198, 0.3352 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 51.7990, 0.3198, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

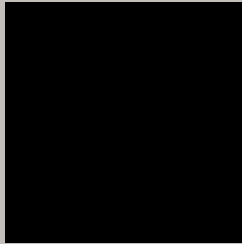
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

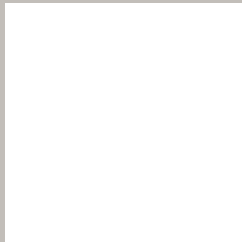
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7990, 0.3198, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 51.7990, 0.3198, 0.3352.

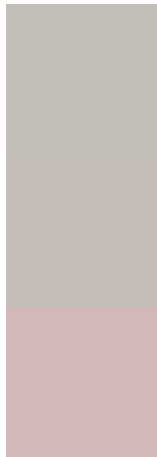


This preview shows how white text looks on a background with the Yxy color 51.7990, 0.3198, 0.3352.

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

51.7990, 0.3198, 0.3352

Protanopia

51.9318, 0.3207, 0.3352

Deuteranopia

51.5278, 0.3333, 0.3267



Tritanopia

51.6752, 0.3095, 0.3108

Trichromacy



Original Color

51.7990, 0.3198, 0.3352

Protanomaly

51.9318, 0.3207, 0.3352

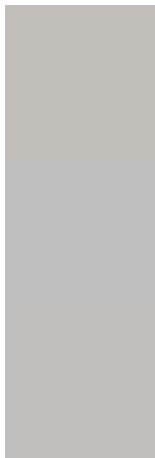
Deuteranomaly

51.5004, 0.3279, 0.3290

Tritanomaly

51.6877, 0.3132, 0.3192

Monochromacy



Original Color

51.7990, 0.3198, 0.3352

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1422, 0.3150, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7990, 0.3198, 0.3352 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(194, 190, 185)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 185)  
}
```

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(194, 190, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 185) }
```

Border

The CSS property to change the border of an element to Yxy 51.7990, 0.3198, 0.3352 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(194, 190, 185) }
```

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

```
.border{ border-color:rgb(194, 190, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 185);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7990, 0.3198, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 185) }
```

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

```
.background{ background-color: rgb(194,  
190, 185) }
```

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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