

Converting Colors

$Y_{xy}(50.1954, 0.3205, 0.3360)$

Have a look what the booklet for
Yxy(50.1954, 0.3205, 0.3360)
contains.

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Color

Yxy(50.1245, 0.3208, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	C0BBB6
RGB	192, 187, 182
RGB Percent	75%, 73%, 71%
CMY	0.2470, 0.2667, 0.2862
CMYK	0.00, 0.03, 0.05, 0.25
HSL	30°, 7%, 73%
HSV	30°, 5%, 75%
XYZ	47.9569, 50.1245, 51.4101
YIQ	187.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

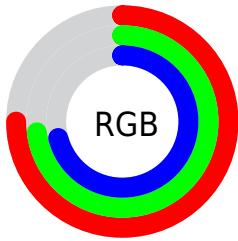
Format	Color
RYB	192, 192, 182
Decimal	12630966
CIELab	76.15, 0.87, 3.13
CIELCh	76, 3.254, 74.427
Yxy	50.1245, 0.3208, 0.3353
Android (android.graphics.Color)	4290821046 (0xFFC0BBB6)
YUV	187.9250, -2.9210, 3.5738
Hunter-Lab	70.7987, -2.9871, 6.5059

Details

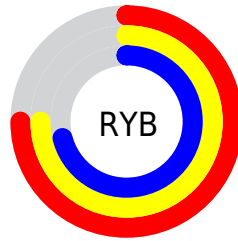
The Yxy color **50.1245, 0.3208, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3102, 0.3048, 0.3226**, and the grayscale version is **50.2625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2307, 0.3190, 0.3340**, and **24.1241, 0.3237, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **45.4324, 0.3380, 0.3480**, and if you desaturate by 10%, it is **55.2044, 0.3058, 0.3234**.

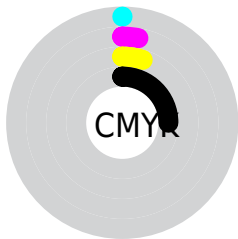
Distribution



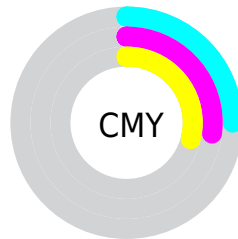
- Red (75%)
- Green (73%)
- Blue (71%)



- Red (75%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (25%)





- Cyan (25%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1245, 0.3208, 0.3353 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 50.1245, 0.3208, 0.3353 by changing the saturation by 10% instead.

 50.1245, 0.3208,
0.3353

 50.1245, 0.3208,
0.3353

387.1526, 0.3168,
0.3322

 35.5123, 0.3218,
0.3361


 90.3593, 0.3194,
0.3342

 24.0578, 0.3230,
0.3370


116.7507, 0.3188,
0.3338

 15.3765, 0.3247,
0.3383


147.8374, 0.3184,
0.3334

 9.0840, 0.3270,
0.3401

184.0036, 0.3180,
0.3331

 4.7960, 0.3304,
0.3427

225.6339, 0.3176,
0.3328

 2.1281, 0.3360,
0.3469

273.1126, 0.3173,

 0.6804, 0.3572,

0.3326

0.3638

326.8240, 0.3170,
0.3324

0.0000, 0.0000,
0.0000

50.1245, 0.3208,
0.3353

50.1245, 0.3208,
0.3353

45.4324, 0.3380,
0.3480

55.2044, 0.3058,
0.3234

41.1118, 0.3575,
0.3612

60.6750, 0.2927,
0.3124

37.1548, 0.3795,
0.3746

66.5474, 0.2813,
0.3022

33.5505, 0.4039,
0.3876

72.5817, 0.2734,
0.2968

30.2876, 0.4302,
0.3993

77.9592, 0.2744,
0.3075

■ 27.3539, 0.4576,
0.4088

■ 83.6360, 0.2753,
0.3180

■ 24.7363, 0.4848,
0.4146

■ 89.6166, 0.2762,
0.3283

■ 22.4202, 0.5102,
0.4156

■ 89.9492, 0.2763,
0.3289

■ 20.3891, 0.5320,
0.4113

Harmonies

Analogous

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



50.1245, 0.3214, 0.3322



50.1245, 0.3208, 0.3353



50.1245, 0.3181, 0.3367

Triad

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



50.1245, 0.3208, 0.3353



50.1245, 0.3059, 0.3296



50.1245, 0.3115, 0.3221

Complementary

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



50.1245, 0.3208, 0.3353



49.3102, 0.3048, 0.3226

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.



50.1245, 0.3074, 0.3214



50.1245, 0.3208, 0.3353



50.1245, 0.3042, 0.3257

Square

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



50.1245, 0.3208, 0.3353



50.1245, 0.3095, 0.3334



50.1245, 0.3047, 0.3227



50.1245, 0.3160, 0.3247

Rectangle

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



50.1245, 0.3208, 0.3353



50.1245, 0.3154, 0.3365



50.1245, 0.3047, 0.3227



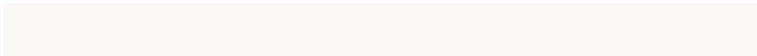
50.1245, 0.3100, 0.3217

Sweetspot

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



50.1267, 0.3208, 0.3353



93.6529, 0.3158, 0.3314



48.2666, 0.3171, 0.3225



20.1116, 0.3156, 0.3313



97.7402, 0.3127, 0.3290



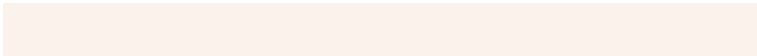
20.4902, 0.3127, 0.3290

Same Dimension

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



50.1267, 0.3208, 0.3353



90.0245, 0.3222, 0.3364



52.2226, 0.3203, 0.3413



11.1919, 0.3230, 0.3370



13.2778, 0.5398, 0.4096



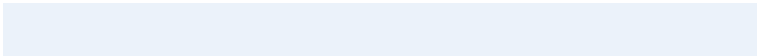
0.7116, 0.5060, 0.4365

Inverse Universe

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



49.3102, 0.3048, 0.3226



88.3046, 0.3035, 0.3215



47.2834, 0.3049, 0.3163



10.9614, 0.3027, 0.3209



8.3941, 0.1778, 0.1602



0.5005, 0.1891, 0.2007

Previews

White Background



This preview shows how the Yxy color 50.1245, 0.3208, 0.3353 looks on a white background.

Color Contrast Check

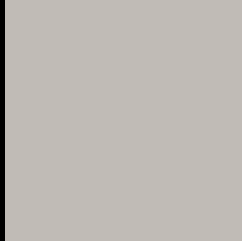
Large Text (above 18pt) WCAG AA × Fail

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 50.1245, 0.3208, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

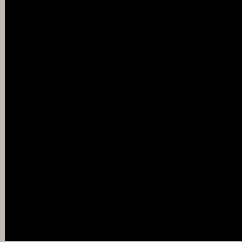
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

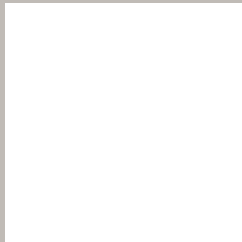
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1245, 0.3208, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 50.1245, 0.3208, 0.3353.



This preview shows how white text looks on a background with the Yxy color 50.1245, 0.3208, 0.3353.

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

50.1245, 0.3208, 0.3353

Protanopia

50.1245, 0.3208, 0.3353

Deuteranopia

50.1402, 0.3335, 0.3278



Tritanopia

50.0066, 0.3103, 0.3106

Trichromacy



Original Color

50.1245, 0.3208, 0.3353

Protanomaly

50.1245, 0.3208, 0.3353

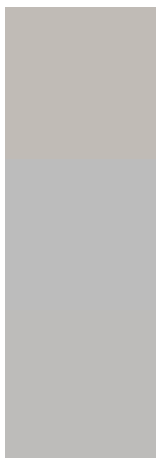
Deuteranomaly

50.2564, 0.3289, 0.3303

Tritanomaly

50.0175, 0.3140, 0.3191

Monochromacy



Original Color

50.1245, 0.3208, 0.3353

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3304, 0.3151, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1245, 0.3208, 0.3353 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(192, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 182)  
}
```

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(192, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.1245, 0.3208, 0.3353 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(192, 187, 182) }
```

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

```
.border{ border-color:rgb(192, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1245, 0.3208, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 182) }
```

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

```
.background{ background-color: rgb(192,  
187, 182) }
```

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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