

Converting Colors

$Y_{xy}(50.3780, 0.3128, 0.3253)$

Have a look what the booklet for
Yxy(50.3780, 0.3128, 0.3253)
contains.

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Color

Yxy(50.2055, 0.3129, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	BEBBBE
RGB	190, 187, 190
RGB Percent	75%, 73%, 75%
CMY	0.2548, 0.2667, 0.2548
CMYK	0.00, 0.02, 0.00, 0.25
HSL	300°, 2%, 74%
HSV	300°, 2%, 75%
XYZ	48.3066, 50.2055, 55.8714
YIQ	188.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

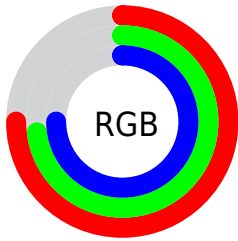
Format	Color
R_{YB}	190, 187, 190
Decimal	12499902
CIE Lab	76.20, 1.62, -1.16
CIE LCh	76, 1.997, 324.465
Yxy	50.2055, 0.3129, 0.3252
Android (android.graphics.Color)	4290689982 (0xFFBEBBEE)
YUV	188.2390, 0.8682, 1.5444
Hunter-Lab	70.8558, -2.3038, 2.8476

Details

The Yxy color `50.2055, 0.3129, 0.3252` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.9912, 0.3125, 0.3328`, and the grayscale version is `50.4306, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.3478, 0.3129, 0.3261`, and `24.1747, 0.3130, 0.3239` is the 20% darker color. If you saturate the color by 10%, you get `42.6697, 0.3141, 0.3009`, and if you desaturate by 10%, it is `58.8125, 0.3118, 0.3485`.

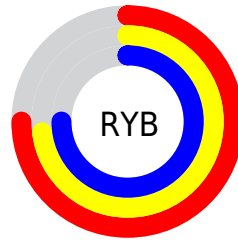
Distribution



Red (75%)

Green (73%)

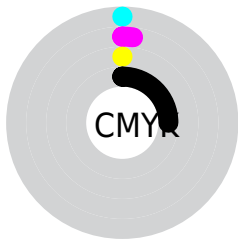
Blue (75%)



Red (75%)

Yellow (73%)

Blue (75%)

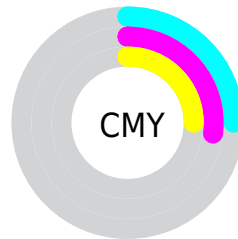


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (27%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2055, 0.3129, 0.3252 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 50.2055, 0.3129, 0.3252 by changing the saturation by 10% instead.


 50.2055, 0.3129,
0.3252

 50.2055, 0.3129,
0.3252


387.4690, 0.3128,
0.3271

 35.5767, 0.3129,
0.3247


 90.4793, 0.3129,
0.3259

 24.1075, 0.3129,
0.3241


116.8931, 0.3129,
0.3261

 15.4134, 0.3130,
0.3234


148.0040, 0.3128,
0.3264

 9.1100, 0.3130,
0.3223

184.1964, 0.3128,
0.3265

 4.8130, 0.3131,
0.3207

225.8547, 0.3128,
0.3267

 2.1380, 0.3132,
0.3182

273.3633, 0.3128,

 0.6858, 0.3136,

0.3268

0.3110

327.1066, 0.3128,
0.3270

0.0000, 0.0000,
0.0000

50.2055, 0.3129,
0.3252

50.2055, 0.3129,
0.3252

42.6697, 0.3141,
0.3009

58.8125, 0.3118,
0.3485

36.1570, 0.3153,
0.2762

68.5236, 0.3107,
0.3705

30.6253, 0.3165,
0.2517

79.3781, 0.3097,
0.3909

26.0271, 0.3176,
0.2284

86.1970, 0.3092,
0.4019

22.3109, 0.3187,
0.2071

86.1989, 0.3092,
0.4018

■ 19.4203, 0.3196,
0.1887

■ 86.2007, 0.3092,
0.4018

■ 17.2923, 0.3204,
0.1741

■ 86.2026, 0.3091,
0.4017

■ 15.8548, 0.3209,
0.1636

■ 86.2045, 0.3091,
0.4017

■ 15.0222, 0.3213,
0.1573

■ 86.2064, 0.3091,
0.4016

Harmonies

Analogous

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



50.2055, 0.3102, 0.3244



50.2055, 0.3129, 0.3252



50.2055, 0.3155, 0.3271

Triad

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



50.2055, 0.3129, 0.3252



50.2055, 0.3172, 0.3333



50.2055, 0.3080, 0.3286

Complementary

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



50.2055, 0.3129, 0.3252



50.9912, 0.3125, 0.3328

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.



50.2055, 0.3099, 0.3310



50.2055, 0.3129, 0.3252



50.2055, 0.3152, 0.3337

Square

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



50.2055, 0.3129, 0.3252



50.2055, 0.3181, 0.3317



50.2055, 0.3125, 0.3329



50.2055, 0.3074, 0.3263

Rectangle

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



50.2055, 0.3129, 0.3252



50.2055, 0.3169, 0.3286



50.2055, 0.3125, 0.3329



50.2055, 0.3085, 0.3294

Sweetspot

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



50.2077, 0.3129, 0.3252



93.3107, 0.3127, 0.3290



49.8212, 0.3104, 0.3252



20.4902, 0.3127, 0.3290



97.7402, 0.3127, 0.3290

Same Dimension

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



50.2077, 0.3129, 0.3252



90.3186, 0.3130, 0.3242



50.1419, 0.3141, 0.3271



10.9474, 0.3129, 0.3246



9.7390, 0.3215, 0.1545



0.3816, 0.3213, 0.1544

Inverse Universe

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



50.2077, 0.3129, 0.3252



90.3186, 0.3130, 0.3242



51.0562, 0.3114, 0.3309



10.9474, 0.3129, 0.3246



9.7390, 0.3215, 0.1545



0.3816, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 50.2055, 0.3129, 0.3252 looks on a white background.

Color Contrast Check

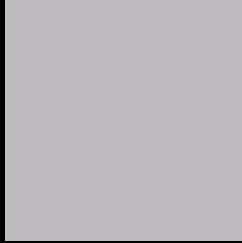
Large Text (above 18pt) WCAG AA × Fail

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 50.2055, 0.3129, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

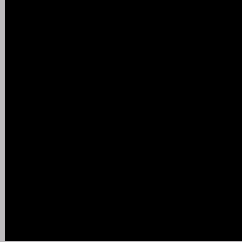
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

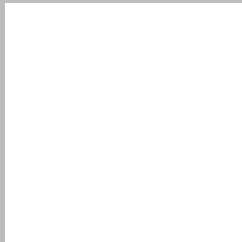
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2055, 0.3129, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 50.2055, 0.3129, 0.3252.

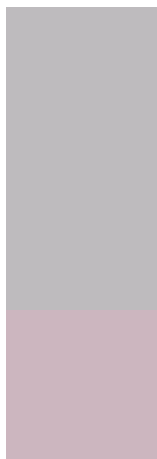


This preview shows how white text looks on a background with the Yxy color 50.2055, 0.3129, 0.3252.

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

50.2055, 0.3129, 0.3252

Protanopia

50.2055, 0.3129, 0.3252

Deuteranopia

50.0549, 0.3243, 0.3181



Tritanopia

50.0745, 0.3070, 0.3105

Trichromacy



Original Color

50.2055, 0.3129, 0.3252

Protanomaly

50.2055, 0.3129, 0.3252

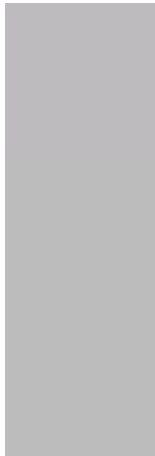
Deuteranomaly

50.1847, 0.3199, 0.3204

Tritanomaly

50.1797, 0.3092, 0.3166

Monochromacy



Original Color

50.2055, 0.3129, 0.3252

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4594, 0.3128, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2055, 0.3129, 0.3252 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(190, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 190)  
}
```

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(190, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.2055, 0.3129, 0.3252 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(190, 187, 190) }
```

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

```
.border{ border-color:rgb(190, 187, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
190) }
```

Background

The CSS property to change the background color of an element to Yxy 50.2055, 0.3129, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 190) }
```

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

```
.background{ background-color: rgb(190,  
187, 190) }
```

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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