

Converting Colors

$Y_{xy}(52.5790, 0.3282, 0.3442)$

Have a look what the booklet for
Yxy(52.5790, 0.3282, 0.3442)
contains.

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Color

Yxy(52.5220, 0.3278, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	C6BFB3
RGB	198, 191, 179
RGB Percent	78%, 75%, 70%
CMY	0.2234, 0.2510, 0.2981
CMYK	0.00, 0.04, 0.10, 0.22
HSL	38°, 14%, 74%
HSV	38°, 10%, 78%
XYZ	50.0631, 52.5220, 50.1395
YIQ	191.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

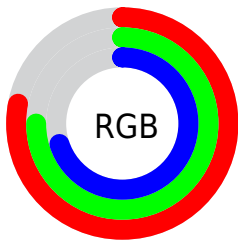
Format	Color
RYB	190, 198, 179
Decimal	13025203
CIELab	77.59, 0.38, 6.92
CIELCh	78, 6.932, 86.828
Yxy	52.5220, 0.3278, 0.3439
Android (android.graphics.Color)	4291215283 (0xFFC6BFB3)
YUV	191.7250, -6.2734, 5.5032
Hunter-Lab	72.4721, -3.5197, 9.7109

Details

The Yxy color **52.5220, 0.3278, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7946, 0.2979, 0.3136**, and the grayscale version is **52.5810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7797, 0.3251, 0.3407**, and **25.6126, 0.3320, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **48.6638, 0.3452, 0.3601**, and if you desaturate by 10%, it is **56.6598, 0.3122, 0.3284**.

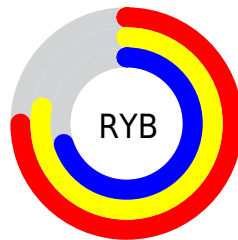
Distribution



Red (78%)

Green (75%)

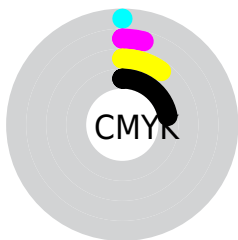
Blue (70%)



Red (75%)

Yellow (78%)

Blue (70%)

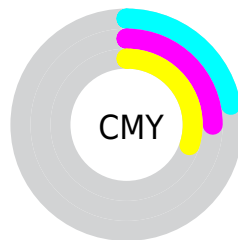


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5220, 0.3278, 0.3439 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 52.5220, 0.3278, 0.3439 by changing the saturation by 10% instead.

■ 52.5220, 0.3278,
0.3439

■ 52.5220, 0.3278,
0.3439

396.4485, 0.3204,
0.3366

■ 37.4213, 0.3296,
0.3457

■ 93.9006, 0.3251,
0.3413

■ 25.5339, 0.3319,
0.3479

120.9474, 0.3241,
0.3403

■ 16.4753, 0.3349,
0.3509

152.7449, 0.3233,
0.3394

■ 9.8611, 0.3391,
0.3550

189.6776, 0.3225,
0.3387

■ 5.3069, 0.3451,
0.3609

232.1300, 0.3219,
0.3381

■ 2.4285, 0.3547,
0.3702

280.4863, 0.3213,

■ 0.8405, 0.3886,

0.3375

0.4041

335.1310, 0.3208,
0.3370

0.0000, 0.0000,
0.0000

52.5220, 0.3278,
0.3439

52.5220, 0.3278,
0.3439

48.6638, 0.3452,
0.3601

56.6598, 0.3122,
0.3284

45.0711, 0.3643,
0.3768

61.0770, 0.2982,
0.3139

41.7385, 0.3849,
0.3933

65.7826, 0.2858,
0.3004

38.6580, 0.4067,
0.4089

70.5748, 0.2766,
0.2913

35.8209, 0.4290,
0.4226

74.5122, 0.2772,
0.2994

■ 33.2178, 0.4508,
0.4333

■ 78.6203, 0.2778,
0.3075

■ 30.8383, 0.4710,
0.4398

■ 82.9011, 0.2784,
0.3154

■ 28.6705, 0.4886,
0.4414

■ 87.3568, 0.2790,
0.3232

■ 26.6946, 0.5032,
0.4383

■ 90.7515, 0.2795,
0.3289

Harmonies

Analogous

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



52.5220, 0.3310, 0.3386



52.5220, 0.3278, 0.3439



52.5220, 0.3205, 0.3452

Triad

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



52.5220, 0.3278, 0.3439



52.5220, 0.2965, 0.3267



52.5220, 0.3140, 0.3165

Complementary

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



52.5220, 0.3278, 0.3439



48.7946, 0.2979, 0.3136

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.



52.5220, 0.3048, 0.3133



52.5220, 0.3278, 0.3439



52.5220, 0.2948, 0.3190

Square

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



52.5220, 0.3278, 0.3439



52.5220, 0.3025, 0.3352



52.5220, 0.2978, 0.3142



52.5220, 0.3230, 0.3229

Rectangle

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



52.5220, 0.3278, 0.3439



52.5220, 0.3144, 0.3435



52.5220, 0.2978, 0.3142



52.5220, 0.3108, 0.3150

Sweetspot

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



52.5243, 0.3278, 0.3439



97.7246, 0.3173, 0.3336



47.8042, 0.3233, 0.3199



20.7886, 0.3186, 0.3349



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.



52.5243, 0.3278, 0.3439



91.1724, 0.3321, 0.3480



55.3732, 0.3251, 0.3525



11.7319, 0.3274, 0.3435



17.4736, 0.5023, 0.4393



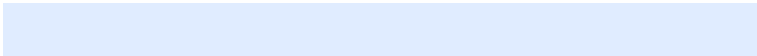
0.9625, 0.4807, 0.4565

Inverse Universe

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



48.7946, 0.2979, 0.3136



82.9611, 0.2939, 0.3093



46.1635, 0.2997, 0.3046



10.9195, 0.2983, 0.3140



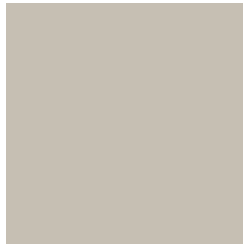
5.9226, 0.1665, 0.1193



0.4187, 0.1784, 0.1622

Previews

White Background



This preview shows how the Yxy color 52.5220, 0.3278, 0.3439 looks on a white background.

Color Contrast Check

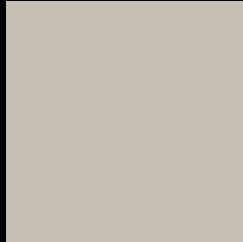
Large Text (above 18pt) WCAG AA × Fail

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 52.5220, 0.3278, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

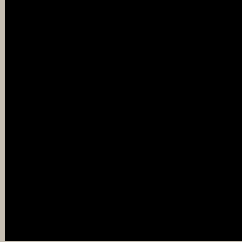
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

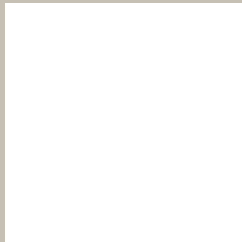
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5220, 0.3278, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 52.5220, 0.3278, 0.3439.

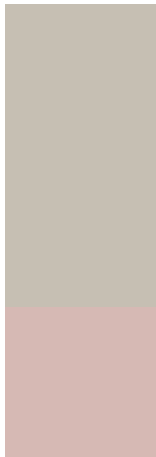


This preview shows how white text looks on a background with the Yxy color 52.5220, 0.3278, 0.3439.

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

52.5220, 0.3278, 0.3439

Protanopia

52.5220, 0.3278, 0.3439

Deuteranopia

52.2894, 0.3416, 0.3350



Tritanopia

52.6482, 0.3127, 0.3122

Trichromacy



Original Color

52.5220, 0.3278, 0.3439

Protanomaly

52.5220, 0.3278, 0.3439

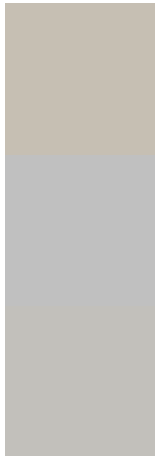
Deuteranomaly

52.2458, 0.3361, 0.3375

Tritanomaly

52.5696, 0.3179, 0.3229

Monochromacy



Original Color

52.5220, 0.3278, 0.3439

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7565, 0.3181, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5220, 0.3278, 0.3439 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(198, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 179)  
}
```

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(198, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 179) }
```

Border

The CSS property to change the border of an element to Yxy 52.5220, 0.3278, 0.3439 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(198, 191, 179) }
```

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

```
.border{ border-color:rgb(198, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5220, 0.3278, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 179) }
```

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

```
.background{ background-color: rgb(198,  
191, 179) }
```

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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