

Converting Colors

$Y_{xy}(52.2251, 0.3536, 0.3775)$

Have a look what the booklet for
Yxy(52.2251, 0.3536, 0.3775)
contains.

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Color

Yxy(52.2251, 0.3536, 0.3775)

Conversions

Conversions Part 1

Format	Color
Hex	CBBF98
RGB	203, 191, 152
RGB Percent	80%, 75%, 60%
CMY	0.2041, 0.2509, 0.4040
CMYK	0.00, 0.06, 0.25, 0.20
HSL	46°, 33%, 70%
HSV	46°, 25%, 80%
XYZ	48.9187, 52.2251, 37.2009
YIQ	190.1420, 19.6710, -9.5850

Conversions

Conversions Part 2

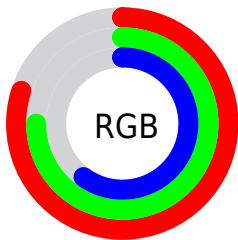
Format	Color
RYB	168, 203, 152
Decimal	13352856
CIELab	77.42, -1.96, 21.24
CIELCh	77, 21.333, 95.260
Yxy	52.2251, 0.3536, 0.3775
Android (android.graphics.Color)	4291542936 (0xFFCBBF98)
YUV	190.1420, -18.8040, 11.2765
Hunter-Lab	72.2669, -5.6376, 20.0661

Details

The Yxy color **52.2251, 0.3536, 0.3775** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5108, 0.2714, 0.2753**, and the grayscale version is **51.6787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2378, 0.3432, 0.3696**, and **25.4124, 0.3637, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **49.5770, 0.3716, 0.3973**, and if you desaturate by 10%, it is **55.0591, 0.3364, 0.3577**.

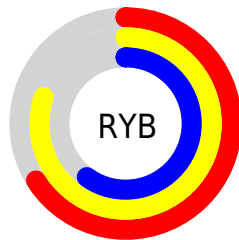
Distribution



Red (80%)

Green (75%)

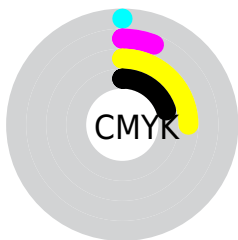
Blue (60%)



Red (66%)

Yellow (80%)

Blue (60%)

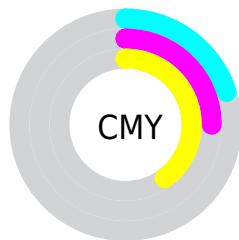


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (20%)



Cyan (20%)


Magenta (25%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2251, 0.3536, 0.3775 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 52.2251, 0.3536, 0.3775 by changing the saturation by 10% instead.

 52.2251, 0.3536,
0.3775

 52.2251, 0.3536,
0.3775


395.3050, 0.3337,
0.3537

 37.1845, 0.3584,
0.3833


 93.4631, 0.3465,
0.3690

 25.3504, 0.3644,
0.3906

 120.4294, 0.3438,
0.3657

 16.3383, 0.3721,
0.4000


152.1396, 0.3415,
0.3630

 9.7639, 0.3825,
0.4128

188.9783, 0.3395,
0.3606

 5.2427, 0.3968,
0.4309

231.3298, 0.3378,
0.3585

 2.3903, 0.4206,
0.4610

279.5785, 0.3362,

 0.8209, 0.4715,

0.3567

0.5285

334.1087, 0.3349,
0.3551

0.0000, 0.0000,
0.0000

52.2251, 0.3536,
0.3775

52.2251, 0.3536,
0.3775

49.5770, 0.3716,
0.3973

55.0591, 0.3364,
0.3577

47.1013, 0.3901,
0.4163

58.0779, 0.3204,
0.3385

44.7935, 0.4083,
0.4335

61.2896, 0.3057,
0.3202

42.6458, 0.4256,
0.4481

64.6994, 0.2923,
0.3030

40.6499, 0.4410,
0.4589

68.3126, 0.2802,
0.2871

■ 38.7960, 0.4540,
0.4652

■ 70.8657, 0.2796,
0.2908

■ 37.0723, 0.4640,
0.4668

■ 73.3915, 0.2800,
0.2960

■ 36.2675, 0.4682,
0.4664

■ 75.9889, 0.2803,
0.3013

■ 78.6585, 0.2807,
0.3064

Harmonies

Analogous

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



52.2251, 0.3683, 0.3628



52.2251, 0.3536, 0.3775



52.2251, 0.3282, 0.3790

Triad

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



52.2251, 0.3536, 0.3775



52.2251, 0.2609, 0.3134



52.2251, 0.3243, 0.2963

Complementary

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



52.2251, 0.3536, 0.3775



37.5108, 0.2714, 0.2753

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.



52.2251, 0.2954, 0.2839



52.2251, 0.3536, 0.3775



52.2251, 0.2599, 0.2924

Square

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



52.2251, 0.3536, 0.3775



52.2251, 0.2751, 0.3405



52.2251, 0.2722, 0.2822



52.2251, 0.3511, 0.3166

Rectangle

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



52.2251, 0.3536, 0.3775



52.2251, 0.3089, 0.3715



52.2251, 0.2722, 0.2822



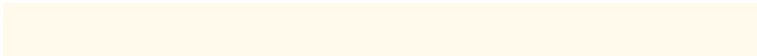
52.2251, 0.3145, 0.2912

Sweetspot

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



52.2275, 0.3536, 0.3775



95.7426, 0.3251, 0.3442



37.8501, 0.3522, 0.3128



20.3265, 0.3275, 0.3471



0.0000, 0.0000, 0.0000



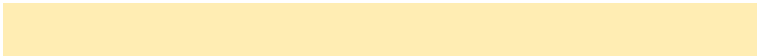
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2275, 0.3536, 0.3775



85.1046, 0.3630, 0.3880



55.9373, 0.3397, 0.3934



12.6336, 0.3271, 0.3466



23.2345, 0.4674, 0.4671



1.3097, 0.4561, 0.4760

Inverse Universe

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



37.5108, 0.2714, 0.2753



56.4174, 0.2618, 0.2620



34.7322, 0.2808, 0.2604



11.2636, 0.2983, 0.3107



4.1848, 0.1575, 0.0869



0.3362, 0.1681, 0.1253

Previews

White Background



This preview shows how the Yxy color 52.2251, 0.3536, 0.3775 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 52.2251, 0.3536, 0.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

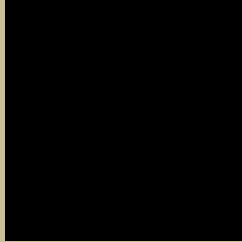
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

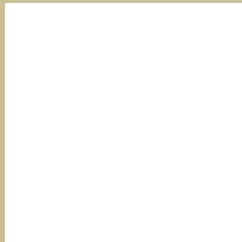
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2251, 0.3536, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 52.2251, 0.3536, 0.3775.



This preview shows how white text looks on a background with the Yxy color 52.2251, 0.3536, 0.3775.

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

52.2251, 0.3536, 0.3775

Protanopia

52.2251, 0.3536, 0.3775

Deuteranopia

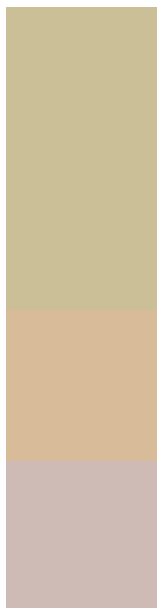
52.2689, 0.3729, 0.3655



Tritanopia

52.3768, 0.3219, 0.3125

Trichromacy



Original Color

52.2251, 0.3536, 0.3775

Protanomaly

52.2251, 0.3536, 0.3775

Deuteranomaly

52.4395, 0.3656, 0.3698

Tritanomaly

52.1834, 0.3336, 0.3351

Monochromacy



Original Color

52.2251, 0.3536, 0.3775

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5636, 0.3277, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2251, 0.3536, 0.3775 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(203, 191, 152)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 152)  
}
```

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(203, 191, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 152) }
```

Border

The CSS property to change the border of an element to Yxy 52.2251, 0.3536, 0.3775 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(203, 191, 152) }
```

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

```
.border{ border-color:rgb(203, 191, 152) }
```

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

Here you see how a box with a 4 pixel rgb(203, 191, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 152);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2251, 0.3536, 0.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 152) }
```

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

```
.background{ background-color: rgb(203,  
191, 152) }
```

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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