

Converting Colors

$Y_{xy}(52.1877, 0.3556, 0.3763)$

Have a look what the booklet for
Yxy(52.1877, 0.3556, 0.3763)
contains.

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Color

Yxy(52.0730, 0.3557, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	CDBE98
RGB	205, 190, 152
RGB Percent	80%, 75%, 60%
CMY	0.1960, 0.2549, 0.4039
CMYK	0.00, 0.07, 0.26, 0.20
HSL	43°, 35%, 70%
HSV	43°, 26%, 80%
XYZ	49.2616, 52.0730, 37.1574
YIQ	190.1530, 21.1380, -8.6380

Conversions

Conversions Part 2

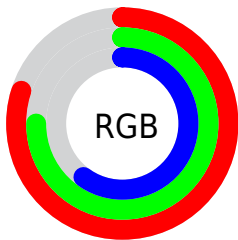
Format	Color
R _{YB}	173, 205, 152
Decimal	13483672
CIE Lab	77.32, -0.63, 21.14
CIE LCh	77, 21.151, 91.707
Yxy	52.0730, 0.3557, 0.3760
Android (android.graphics.Color)	4291673752 (0xFFCDBE98)
YUV	190.1530, -18.8094, 13.0208
Hunter-Lab	72.1616, -4.4286, 19.9836

Details

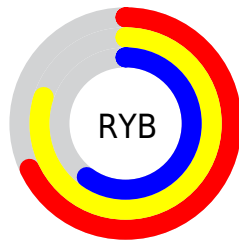
The Yxy color **52.0730, 0.3557, 0.3760** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7274, 0.2704, 0.2771**, and the grayscale version is **51.6889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6278, 0.3433, 0.3687**, and **25.3149, 0.3665, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **48.9944, 0.3745, 0.3947**, and if you desaturate by 10%, it is **55.3727, 0.3380, 0.3573**.

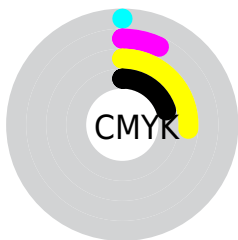
Distribution



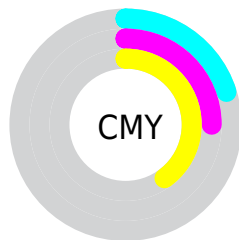
- Red (80%)
- Green (75%)
- Blue (60%)



- Red (68%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0730, 0.3557, 0.3760 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 52.0730, 0.3557, 0.3760 by changing the saturation by 10% instead.


 52.0730, 0.3557,
0.3760


 52.0730, 0.3557,
0.3760


394.7184, 0.3347,
0.3530

 37.0633, 0.3607,
0.3816


 93.2389, 0.3482,
0.3678

 25.2565, 0.3671,
0.3886


 120.1638, 0.3454,
0.3646

 16.2682, 0.3753,
0.3976


151.8293, 0.3429,
0.3620

 9.7142, 0.3864,
0.4099

188.6197, 0.3408,
0.3597

 5.2099, 0.4017,
0.4270

230.9194, 0.3390,
0.3577

 2.3709, 0.4273,
0.4555

279.1128, 0.3374,

 0.8109, 0.4823,

0.3559

0.5177

333.5843, 0.3360,
0.3544

0.0000, 0.0000,
0.0000

52.0730, 0.3557,
0.3760

52.0730, 0.3557,
0.3760

48.9944, 0.3745,
0.3947

55.3727, 0.3380,
0.3573

46.1227, 0.3940,
0.4126

58.8932, 0.3216,
0.3392

43.4526, 0.4136,
0.4288

62.6430, 0.3067,
0.3220

40.9758, 0.4325,
0.4424

66.6282, 0.2933,
0.3058

38.6828, 0.4498,
0.4521

70.8544, 0.2812,
0.2909

■ 36.5631, 0.4645,
0.4572

■ 73.9708, 0.2813,
0.2967

■ 34.6036, 0.4762,
0.4574

■ 77.1622, 0.2817,
0.3031

■ 33.8304, 0.4806,
0.4566

■ 80.4614, 0.2821,
0.3094

■ 83.8694, 0.2824,
0.3156

Harmonies

Analogous

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



52.0730, 0.3686, 0.3602



52.0730, 0.3557, 0.3760



52.0730, 0.3314, 0.3793

Triad

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



52.0730, 0.3557, 0.3760



52.0730, 0.2623, 0.3166



52.0730, 0.3208, 0.2946

Complementary

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



52.0730, 0.3557, 0.3760



38.7274, 0.2704, 0.2771

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.



52.0730, 0.2924, 0.2834



52.0730, 0.3557, 0.3760



52.0730, 0.2597, 0.2947

Square

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



52.0730, 0.3557, 0.3760



52.0730, 0.2778, 0.3436



52.0730, 0.2704, 0.2831



52.0730, 0.3481, 0.3140

Rectangle

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



52.0730, 0.3557, 0.3760



52.0730, 0.3124, 0.3729



52.0730, 0.2704, 0.2831



52.0730, 0.3110, 0.2898

Sweetspot

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



52.0754, 0.3557, 0.3760



95.1229, 0.3252, 0.3432



38.2276, 0.3520, 0.3101



20.1698, 0.3276, 0.3460



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.



52.0754, 0.3557, 0.3760



82.4470, 0.3660, 0.3864



57.3472, 0.3420, 0.3951



12.5386, 0.3272, 0.3455



21.2243, 0.4795, 0.4575



1.2198, 0.4651, 0.4689

Inverse Universe

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



38.7274, 0.2704, 0.2771



56.9904, 0.2604, 0.2640



34.7012, 0.2782, 0.2577



11.3530, 0.2983, 0.3119



4.7736, 0.1603, 0.0972



0.3772, 0.1714, 0.1371

Previews

White Background



This preview shows how the Yxy color 52.0730, 0.3557, 0.3760 looks on a white background.

Color Contrast Check

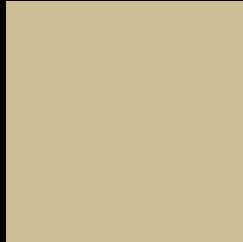
Large Text (above 18pt) WCAG AA × Fail

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 52.0730, 0.3557, 0.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

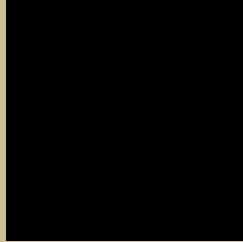
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0730, 0.3557, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 52.0730, 0.3557, 0.3760.



This preview shows how white text looks on a background with the Yxy color 52.0730, 0.3557, 0.3760.

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

52.0730, 0.3557, 0.3760

Protanopia

52.2251, 0.3536, 0.3775

Deuteranopia

51.6965, 0.3723, 0.3645



Tritanopia

52.2071, 0.3244, 0.3125

Trichromacy



Original Color

52.0730, 0.3557, 0.3760

Protanomaly

52.3660, 0.3545, 0.3773

Deuteranomaly

52.0166, 0.3659, 0.3686

Tritanomaly

52.0093, 0.3363, 0.3351

Monochromacy



Original Color

52.0730, 0.3557, 0.3760

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 52.0730, 0.3557, 0.3760 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(205, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 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(205, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 152) }
```

Border

The CSS property to change the border of an element to Yxy 52.0730, 0.3557, 0.3760 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(205, 190, 152) }
```

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

```
.border{ border-color:rgb(205, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 190, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 190, 152); box-shadow:4px 4px 4px 4px rgb(205, 190, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0730, 0.3557, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 152) }
```

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

```
.background{ background-color: rgb(205,  
190, 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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