

Converting Colors

$Yxy(50.2728, 0.3507, 0.3538)$

Have a look what the booklet for
Yxy(50.2728, 0.3507, 0.3538)
contains.

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Color

Yxy(50.3712, 0.3500, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	D0B8A4
RGB	208, 184, 164
RGB Percent	82%, 72%, 64%
CMY	0.1842, 0.2784, 0.3568
CMYK	0.00, 0.12, 0.21, 0.18
HSL	27°, 32%, 73%
HSV	27°, 21%, 82%
XYZ	49.8584, 50.3712, 42.2229
YIQ	188.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

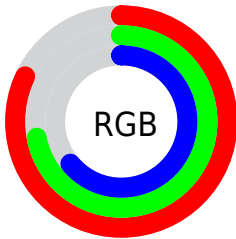
Format	Color
RYB	208, 201, 164
Decimal	13678756
CIELab	76.30, 5.42, 13.29
CIElCh	76, 14.348, 67.823
Yxy	50.3712, 0.3500, 0.3536
Android (android.graphics.Color)	4291868836 (0xFFD0B8A4)
YUV	188.8960, -12.2737, 16.7542
Hunter-Lab	70.9727, 1.1943, 14.4082

Details

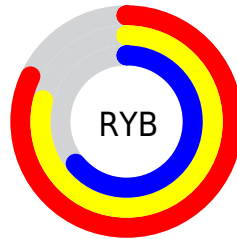
The Yxy color $50.3712, 0.3500, 0.3536$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.4303, 0.2797, 0.3031$, and the grayscale version is $50.8916, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.6946, 0.3360, 0.3498$, and $24.1748, 0.3605, 0.3604$ is the 20% darker color. If you saturate the color by 10%, you get $45.1525, 0.3717, 0.3659$, and if you desaturate by 10%, it is $56.0961, 0.3310, 0.3416$.

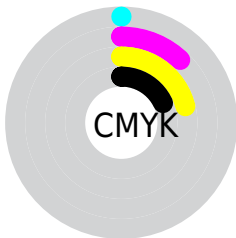
Distribution



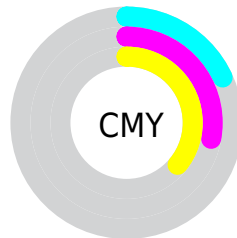
- Red (82%)
- Green (72%)
- Blue (64%)



- Red (82%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3712, 0.3500, 0.3536 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 50.3712, 0.3500, 0.3536 by changing the saturation by 10% instead.


 50.3712, 0.3500,
0.3536


 50.3712, 0.3500,
0.3536


388.1158, 0.3315,
0.3417

 35.7084, 0.3546,
0.3565


 90.7246, 0.3433,
0.3494

 24.2091, 0.3604,
0.3601


 117.1841, 0.3408,
0.3477

 15.4888, 0.3681,
0.3647


148.3445, 0.3387,
0.3464

 9.1632, 0.3786,
0.3710


184.5904, 0.3368,
0.3452

 4.8478, 0.3941,
0.3798

226.3060, 0.3352,
0.3441

 2.1582, 0.4185,
0.3927

273.8759, 0.3338,

 0.6971, 0.5327,

0.3432

0.4673

327.6844, 0.3326,
0.3424

0.0000, 0.0000,
0.0000

50.3712, 0.3500,
0.3536

50.3712, 0.3500,
0.3536

45.1525, 0.3717,
0.3659

56.0961, 0.3310,
0.3416

40.4183, 0.3962,
0.3781

62.3345, 0.3145,
0.3303

36.1553, 0.4233,
0.3895

69.1021, 0.3002,
0.3197

32.3468, 0.4523,
0.3990

76.4120, 0.2879,
0.3099

28.9751, 0.4820,
0.4054

83.4090, 0.2841,
0.3140

■ 26.0206, 0.5106,
0.4073

■ 90.3340, 0.2848,
0.3260

■ 23.4616, 0.5361,
0.4040

■ 92.1525, 0.2849,
0.3289

■ 21.5013, 0.5554,
0.3972

Harmonies

Analogous

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



50.3712, 0.3503, 0.3387



50.3712, 0.3500, 0.3536



50.3712, 0.3395, 0.3625

Triad

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



50.3712, 0.3500, 0.3536



50.3712, 0.2858, 0.3354



50.3712, 0.3027, 0.2982

Complementary

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



50.3712, 0.3500, 0.3536



48.4303, 0.2797, 0.3031

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.



50.3712, 0.2860, 0.2966



50.3712, 0.3500, 0.3536



50.3712, 0.2766, 0.3173

Square

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



50.3712, 0.3500, 0.3536



50.3712, 0.3023, 0.3521



50.3712, 0.2767, 0.3033



50.3712, 0.3225, 0.3074

Rectangle

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



50.3712, 0.3500, 0.3536



50.3712, 0.3282, 0.3634



50.3712, 0.2767, 0.3033



50.3712, 0.2965, 0.2967

Sweetspot

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



50.3735, 0.3500, 0.3536



93.8400, 0.3223, 0.3358



43.6088, 0.3325, 0.2996



19.9461, 0.3234, 0.3365



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.



50.3735, 0.3500, 0.3536



76.3245, 0.3587, 0.3587



60.1484, 0.3449, 0.3789



12.6799, 0.3279, 0.3396



13.5861, 0.5530, 0.3991



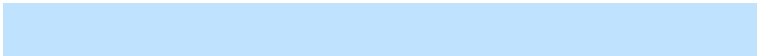
0.9173, 0.5223, 0.4235

Inverse Universe

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



48.4303, 0.2797, 0.3031



72.7483, 0.2730, 0.2973



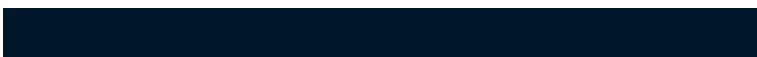
39.7996, 0.2777, 0.2737



12.4718, 0.2983, 0.3182



10.4701, 0.1818, 0.1744



0.7430, 0.1904, 0.2053

Previews

White Background



This preview shows how the Yxy color 50.3712, 0.3500, 0.3536 looks on a white background.

Color Contrast Check

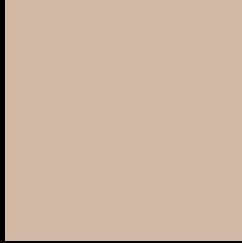
Large Text (above 18pt) WCAG AA × Fail

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 50.3712, 0.3500, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

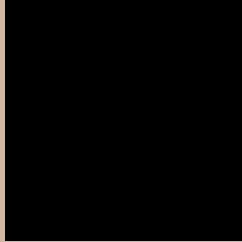
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3712, 0.3500, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 50.3712, 0.3500, 0.3536.



This preview shows how white text looks on a background with the Yxy color 50.3712, 0.3500, 0.3536.

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

50.3712, 0.3500, 0.3536

Protanopia

50.5899, 0.3377, 0.3568

Deuteranopia

50.2114, 0.3562, 0.3484



Tritanopia

50.5346, 0.3290, 0.3125

Trichromacy



Original Color

50.3712, 0.3500, 0.3536

Protanomaly

50.6748, 0.3423, 0.3565

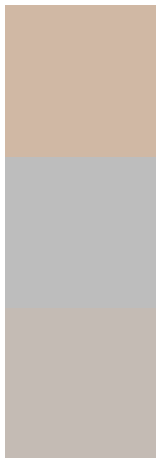
Deuteranomaly

50.1696, 0.3532, 0.3497

Tritanomaly

50.3155, 0.3372, 0.3267

Monochromacy



Original Color

50.3712, 0.3500, 0.3536

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5717, 0.3258, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3712, 0.3500, 0.3536 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(208, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 164)  
}
```

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(208, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 164) }
```

Border

The CSS property to change the border of an element to Yxy 50.3712, 0.3500, 0.3536 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(208, 184, 164) }
```

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

```
.border{ border-color:rgb(208, 184, 164) }
```

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

Here you see how a box with a 4 pixel rgb(208, 184, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(208, 184,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3712, 0.3500, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 164) }
```

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

```
.background{ background-color: rgb(208,  
184, 164) }
```

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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