

Converting Colors

$Y_{xy}(30.5085, 0.3685, 0.3624)$

Have a look what the booklet for
Yxy(30.5085, 0.3685, 0.3624)
contains.

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Color

Yxy(30.6546, 0.3682, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	AE917A
RGB	174, 145, 122
RGB Percent	68%, 57%, 48%
CMY	0.3177, 0.4314, 0.5215
CMYK	0.00, 0.17, 0.30, 0.32
HSL	27°, 24%, 58%
HSV	27°, 30%, 68%
XYZ	31.0937, 30.6546, 22.6996
YIQ	151.0490, 24.6670, -1.0050

Conversions

Conversions Part 2

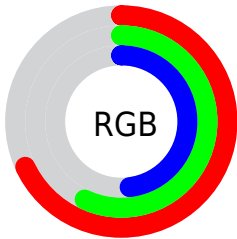
Format	Color
RYB	174, 163, 122
Decimal	11440506
CIELab	62.21, 7.39, 16.26
CIELCh	62, 17.862, 65.572
Yxy	30.6546, 0.3682, 0.3630
Android (android.graphics.Color)	4289630586 (0xFFAE917A)
YUV	151.0490, -14.3212, 20.1280
Hunter-Lab	55.3666, 3.3536, 14.4485

Details

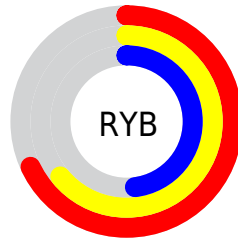
The Yxy color **30.6546, 0.3682, 0.3630** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3335, 0.2664, 0.2923**, and the grayscale version is **31.0252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7258, 0.3571, 0.3572**, and **12.7304, 0.3879, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **27.4217, 0.3922, 0.3748**, and if you desaturate by 10%, it is **34.2210, 0.3470, 0.3512**.

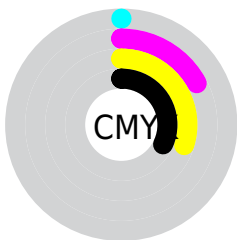
Distribution



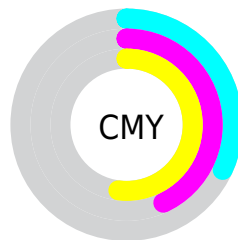
- Red (68%)
- Green (57%)
- Blue (48%)



- Red (68%)
- Yellow (64%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (32%)



- Cyan (32%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6546, 0.3682, 0.3630 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 30.6546, 0.3682, 0.3630 by changing the saturation by 10% instead.


 30.6546, 0.3682,
0.3630


 30.6546, 0.3682,
0.3630


304.9439, 0.3384,
0.3454

 20.3360, 0.3764,
0.3676


 60.6959, 0.3568,
0.3565

 12.6395, 0.3873,
0.3735


 81.1873, 0.3527,
0.3540

 7.1808, 0.4025,
0.3814


 105.8384, 0.3493,
0.3520

 3.5754, 0.4253,
0.3923

135.0337, 0.3465,
0.3503

 1.4390, 0.4792,
0.4224

169.1575, 0.3440,
0.3488

 0.2452, 0.6277,
0.3723

208.5942, 0.3419,

 0.0000, 0.0000,

0.3475

0.0000

253.7282, 0.3400,
0.3464

■ 30.6546, 0.3682,
0.3630

■ 30.6546, 0.3682,
0.3630

■ 27.4217, 0.3922,
0.3748

■ 34.2210, 0.3470,
0.3512

■ 24.5077, 0.4188,
0.3860

■ 38.1265, 0.3285,
0.3397

■ 21.9028, 0.4476,
0.3955

■ 42.3820, 0.3125,
0.3289

■ 19.5953, 0.4775,
0.4023

■ 46.9966, 0.2987,
0.3188

■ 17.5723, 0.5068,
0.4051

■ 51.9789, 0.2867,
0.3095

■ 15.8196, 0.5334,
0.4028

■ 57.3372, 0.2763,
0.3009

■ 14.3151, 0.5566,
0.3961

■ 63.0797, 0.2674,
0.2931

■ 14.2962, 0.5569,
0.3960

■ 68.8068, 0.2627,
0.2925

■ 74.1321, 0.2641,
0.3037

Harmonies

Analogous

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



30.6546, 0.3676, 0.3407



30.6546, 0.3682, 0.3630



30.6546, 0.3534, 0.3776

Triad

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



30.6546, 0.3682, 0.3630



30.6546, 0.2749, 0.3402



30.6546, 0.2957, 0.2840

Complementary

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



30.6546, 0.3682, 0.3630



29.3335, 0.2664, 0.2923

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.



30.6546, 0.2724, 0.2822



30.6546, 0.3682, 0.3630



30.6546, 0.2608, 0.3132

Square

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



30.6546, 0.3682, 0.3630



30.6546, 0.2992, 0.3651



30.6546, 0.2599, 0.2923



30.6546, 0.3246, 0.2965

Rectangle

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



30.6546, 0.3682, 0.3630



30.6546, 0.3372, 0.3802



30.6546, 0.2599, 0.2923



30.6546, 0.2870, 0.2821

Sweetspot

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



30.6560, 0.3682, 0.3630



69.6891, 0.3273, 0.3389



25.1738, 0.3415, 0.2862



15.2536, 0.3298, 0.3405



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.6560, 0.3682, 0.3630



51.5750, 0.3841, 0.3711



39.3510, 0.3582, 0.3977



8.5764, 0.3276, 0.3391



10.4848, 0.5550, 0.3975



0.4019, 0.5040, 0.4380

Inverse Universe

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



29.3335, 0.2664, 0.2923



48.7703, 0.2558, 0.2825



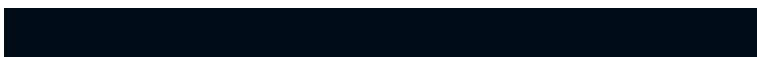
21.9879, 0.2617, 0.2495



8.4703, 0.2986, 0.3187



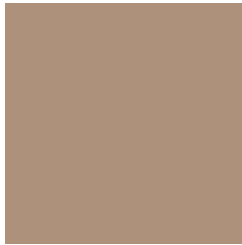
8.5456, 0.1833, 0.1800



0.3445, 0.1972, 0.2298

Previews

White Background



This preview shows how the Yxy color 30.6546, 0.3682, 0.3630 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 30.6546, 0.3682, 0.3630 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 30.6546, 0.3682, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 30.6546, 0.3682, 0.3630.



This preview shows how white text looks on a background with the Yxy color 30.6546, 0.3682, 0.3630.

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

30.6546, 0.3682, 0.3630

Protanopia

30.6643, 0.3467, 0.3678

Deuteranopia

30.7699, 0.3694, 0.3629



Tritanopia

30.6639, 0.3405, 0.3134

Trichromacy



Original Color

30.6546, 0.3682, 0.3630

Protanomaly

30.5276, 0.3539, 0.3657

Deuteranomaly

30.7699, 0.3694, 0.3629

Tritanomaly

30.4992, 0.3510, 0.3306

Monochromacy



Original Color

30.6546, 0.3682, 0.3630

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.7593, 0.3319, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6546, 0.3682, 0.3630 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(174, 145, 122)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 122)  
}
```

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(174, 145, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.6546, 0.3682, 0.3630 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(174, 145, 122) }
```

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

```
.border{ border-color:rgb(174, 145, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 122);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6546, 0.3682, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 122) }
```

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

```
.background{ background-color: rgb(174,  
145, 122) }
```

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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