

Converting Colors

$Y_{xy}(35.9322, 0.4307, 0.4750)$

Have a look what the booklet for
Yxy(35.9322, 0.4307, 0.4750)
contains.

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Color

Yxy(35.9322, 0.4307, 0.4750)

Conversions

Conversions Part 1

Format	Color
Hex	B6A227
RGB	182, 162, 39
RGB Percent	71%, 64%, 15%
CMY	0.2862, 0.3647, 0.8472
CMYK	0.00, 0.11, 0.79, 0.29
HSL	52°, 65%, 43%
HSV	52°, 79%, 71%
XYZ	32.5810, 35.9322, 7.1335
YIQ	153.9580, 51.4030, -34.0130

Conversions

Conversions Part 2

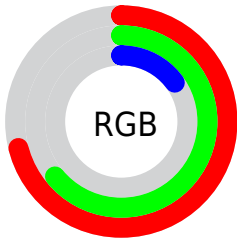
Format	Color
RYB	62, 182, 39
Decimal	11969063
CIELab	66.47, -5.54, 61.56
CIELCh	66, 61.809, 95.140
Yxy	35.9322, 0.4307, 0.4750
Android (android.graphics.Color)	4290159143 (0xFFB6A227)
YUV	153.9580, -56.6743, 24.5928
Hunter-Lab	59.9435, -7.8811, 34.9047

Details

The Yxy color **35.9322, 0.4307, 0.4750** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.9343, 0.1726, 0.1104**, and the grayscale version is **32.5318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1527, 0.4124, 0.4515**, and **15.7289, 0.4397, 0.4891** is the 20% darker color. If you saturate the color by 10%, you get **34.9525, 0.4393, 0.4813**, and if you desaturate by 10%, it is **36.9913, 0.4194, 0.4643**.

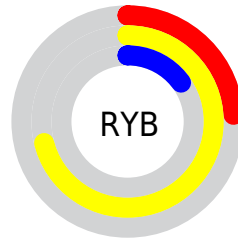
Distribution



Red (71%)

Green (64%)

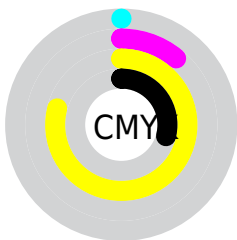
Blue (15%)



Red (24%)

Yellow (71%)

Blue (15%)

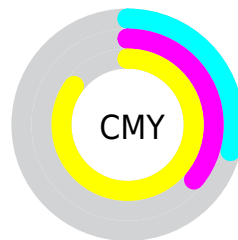


Cyan (0%)

Magenta (11%)

Yellow (79%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9322, 0.4307, 0.4750 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 35.9322, 0.4307, 0.4750 by changing the saturation by 10% instead.


 35.9322, 0.4307,
0.4750


 35.9322, 0.4307,
0.4750

328.6641, 0.3759,
0.4045

 24.3818, 0.4409,
0.4895


 68.9274, 0.4129,
0.4512

 15.6171, 0.4513,
0.5054


 91.1410, 0.4055,
0.4416

 9.2536, 0.4663,
0.5285


 117.6779, 0.3990,
0.4333


 4.9070, 0.4643,
0.5357

 148.9223, 0.3932,
0.4260

 2.1928, 0.4571,
0.5429

 185.2588, 0.3881,
0.4196

 0.7161, 0.4324,
0.5676

 227.0716, 0.3836,

 0.0000, 0.0000,

0.4140

0.0000

274.7453, 0.3795,
0.4090

■ 35.9322, 0.4307,
0.4750

■ 35.9322, 0.4307,
0.4750

■ 34.9525, 0.4393,
0.4813

■ 36.9913, 0.4194,
0.4643

■ 34.0345, 0.4455,
0.4836

■ 38.1322, 0.4058,
0.4496

■ 33.9084, 0.4463,
0.4838

■ 39.3629, 0.3905,
0.4317

■ 40.6889, 0.3743,
0.4116

■ 42.1155, 0.3577,
0.3903

■ 43.6473, 0.3413,
0.3685

■ 45.2885, 0.3256,
0.3469

■ 47.0433, 0.3107,
0.3262

■ 48.9154, 0.2969,
0.3065

Harmonies

Analogous

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



35.9322, 0.4861, 0.4139



35.9322, 0.4307, 0.4750



35.9322, 0.3491, 0.5040

Triad

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



35.9322, 0.4307, 0.4750



35.9322, 0.1609, 0.2683



35.9322, 0.3449, 0.2338

Complementary

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



35.9322, 0.4307, 0.4750



6.9343, 0.1726, 0.1104

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.



35.9322, 0.2542, 0.2009



35.9322, 0.4307, 0.4750



35.9322, 0.1607, 0.2124

Square

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



35.9322, 0.4307, 0.4750



35.9322, 0.1948, 0.3625



35.9322, 0.1915, 0.1923



35.9322, 0.4383, 0.2856

Rectangle

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



35.9322, 0.4307, 0.4750



35.9322, 0.2906, 0.4852



35.9322, 0.1915, 0.1923



35.9322, 0.3126, 0.2204

Sweetspot

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



35.9339, 0.4307, 0.4750



77.4759, 0.3508, 0.3811



11.7263, 0.5476, 0.3080



16.8979, 0.3566, 0.3889



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.9339, 0.4307, 0.4750



62.1819, 0.4437, 0.4831



38.5120, 0.3641, 0.5271



10.2833, 0.3267, 0.3485



24.0126, 0.4459, 0.4841



0.9060, 0.4381, 0.4903

Inverse Universe

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



6.9343, 0.1726, 0.1104



8.1280, 0.1559, 0.0770



6.9516, 0.2040, 0.1067



8.9168, 0.2984, 0.3087



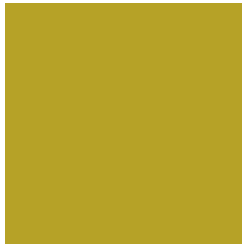
2.9501, 0.1535, 0.0725



0.1693, 0.1638, 0.1097

Previews

White Background



This preview shows how the Yxy color 35.9322, 0.4307, 0.4750 looks on a white background.

Color Contrast Check

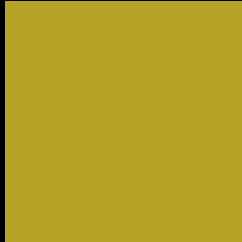
Large Text (above 18pt) WCAG AA × Fail

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 35.9322, 0.4307, 0.4750 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 35.9322, 0.4307, 0.4750

Background



This preview shows how black text looks on a background with the Yxy color 35.9322, 0.4307, 0.4750.



This preview shows how white text looks on a background with the Yxy color 35.9322, 0.4307, 0.4750.

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

35.9322, 0.4307, 0.4750

Protanopia

35.9322, 0.4307, 0.4750

Deuteranopia

35.6534, 0.4594, 0.4493



Tritanopia

35.8539, 0.3420, 0.3131

Trichromacy



Original Color

35.9322, 0.4307, 0.4750

Protanomaly

35.9322, 0.4307, 0.4750

Deuteranomaly

35.5462, 0.4488, 0.4582

Tritanomaly

35.4421, 0.3831, 0.3800

Monochromacy



Original Color

35.9322, 0.4307, 0.4750

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.1763, 0.3623, 0.3968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9322, 0.4307, 0.4750 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(182, 162, 39)` looks like.

```
.text, #text, p{  
    color:rgb(182, 162, 39)  
}
```

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(182, 162, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 162, 39) }
```

Border

The CSS property to change the border of an element to Yxy 35.9322, 0.4307, 0.4750 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(182, 162, 39) }
```

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

```
.border{ border-color:rgb(182, 162, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 162, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 162, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 162, 39);  
box-shadow:4px 4px 4px 4px rgb(182, 162,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9322, 0.4307, 0.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 162, 39) }
```

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

```
.background{ background-color: rgb(182,  
162, 39) }
```

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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