

Converting Colors

$Yxy(34.0862, 0.4516, 0.4796)$

Have a look what the booklet for
Yxy(34.0862, 0.4516, 0.4796)
contains.

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Color

Yxy(34.2160, 0.4510, 0.4801)

Conversions

Conversions Part 1

Format	Color
Hex	BA9C00
RGB	186, 156, 0
RGB Percent	73%, 61%, 0%
CMY	0.2705, 0.3882, 0.9999
CMYK	0.00, 0.16, 1.00, 0.27
HSL	50°, 100%, 36%
HSV	50°, 100%, 73%
XYZ	32.1421, 34.2160, 4.9104
YIQ	147.1860, 67.9560, -42.1560

Conversions

Conversions Part 2

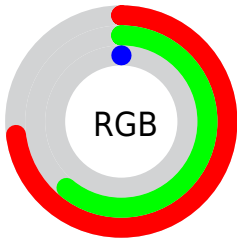
Format	Color
RYB	36, 186, 0
Decimal	12229632
CIELab	65.13, -1.36, 68.70
CIELCh	65, 68.710, 91.138
Yxy	34.2160, 0.4510, 0.4801
Android (android.graphics.Color)	4290419712 (0xFFBA9C00)
YUV	147.1860, -72.5627, 34.0399
Hunter-Lab	58.4944, -4.2814, 35.9689

Details

The Yxy color **34.2160, 0.4510, 0.4801** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **4.4769, 0.1539, 0.0738**, and the grayscale version is **29.5465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1804, 0.4312, 0.4582**, and **14.6923, 0.4538, 0.4779** is the 20% darker color. If you saturate the color by 10%, you get **34.2167, 0.4510, 0.4801**, and if you desaturate by 10%, it is **35.2836, 0.4444, 0.4785**.

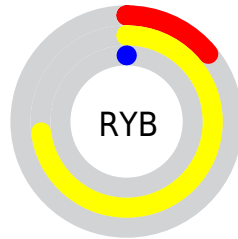
Distribution



Red (73%)

Green (61%)

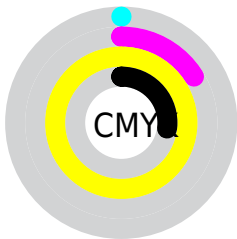
Blue (0%)



Red (14%)

Yellow (73%)

Blue (0%)

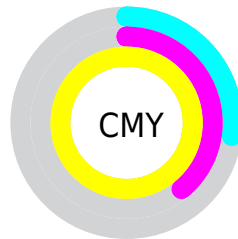


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2160, 0.4510, 0.4801 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 34.2160, 0.4510, 0.4801 by changing the saturation by 10% instead.

■ 34.2160, 0.4510,
0.4801

■ 34.2160, 0.4510,
0.4801

■ 321.0941, 0.3879,
0.4104

■ 23.0596, 0.4619,
0.4925

■ 66.2694, 0.4311,
0.4579

■ 14.6375, 0.4728,
0.5052

■ 87.9352, 0.4226,
0.4485

■ 8.5654, 0.4826,
0.5174

■ 113.8729, 0.4151,
0.4401

■ 4.4588, 0.4815,
0.5185

■ 144.4670, 0.4083,
0.4327

■ 1.9334, 0.4796,
0.5204

■ 180.1017, 0.4023,
0.4262

■ 0.5683, 0.4714,
0.5286

■ 221.1616, 0.3970,

■ 0.0000, 0.0000,

0.4203

0.0000

268.0309, 0.3922,
0.4151

34.2160, 0.4510,
0.4801

34.2160, 0.4510,
0.4801

34.2167, 0.4510,
0.4801

35.2836, 0.4444,
0.4785

36.4182, 0.4354,
0.4732

37.6376, 0.4238,
0.4634

38.9500, 0.4098,
0.4495

40.3623, 0.3941,
0.4323

■ 41.8805, 0.3774,
0.4128

■ 43.5102, 0.3605,
0.3919

■ 45.2564, 0.3438,
0.3705

■ 47.1237, 0.3278,
0.3494

Harmonies

Analogous

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



34.2160, 0.5094, 0.4084



34.2160, 0.4510, 0.4801



34.2160, 0.3625, 0.5260

Triad

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



34.2160, 0.4510, 0.4801



34.2160, 0.1481, 0.2707



34.2160, 0.3333, 0.2178

Complementary

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



34.2160, 0.4510, 0.4801



4.4769, 0.1539, 0.0738

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.



34.2160, 0.2357, 0.1855



34.2160, 0.4510, 0.4801



34.2160, 0.1441, 0.2045

Square

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



34.2160, 0.4510, 0.4801



34.2160, 0.1887, 0.3825



34.2160, 0.1726, 0.1795



34.2160, 0.4417, 0.2714

Rectangle

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



34.2160, 0.4510, 0.4801



34.2160, 0.2980, 0.5160



34.2160, 0.1726, 0.1795



34.2160, 0.2976, 0.2043

Sweetspot

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



34.2177, 0.4510, 0.4801



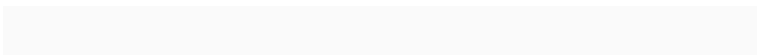
78.6907, 0.3614, 0.3930



10.5412, 0.6158, 0.3166



17.0488, 0.3685, 0.4019



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.2177, 0.4510, 0.4801



61.7027, 0.4516, 0.4796



39.4133, 0.3618, 0.5510



10.2498, 0.3268, 0.3480



23.1061, 0.4505, 0.4805



0.8813, 0.4412, 0.4878

Inverse Universe

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



4.4769, 0.1539, 0.0738



7.8837, 0.1533, 0.0720



4.5712, 0.1745, 0.0735



8.9474, 0.2984, 0.3092



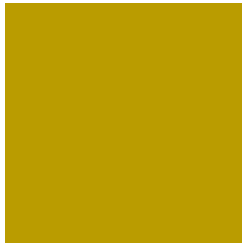
3.0850, 0.1543, 0.0754



0.1824, 0.1657, 0.1165

Previews

White Background



This preview shows how the Yxy color 34.2160, 0.4510, 0.4801 looks on a white background.

Color Contrast Check

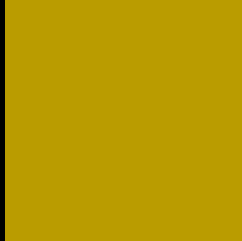
Large Text (above 18pt) WCAG AA × Fail

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 34.2160, 0.4510, 0.4801 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 34.2160, 0.4510, 0.4801

Background



This preview shows how black text looks on a background with the Yxy color 34.2160, 0.4510, 0.4801.

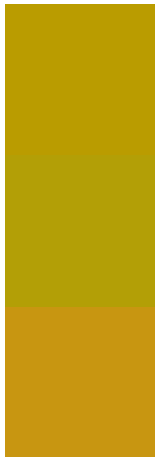


This preview shows how white text looks on a background with the Yxy color 34.2160, 0.4510, 0.4801.

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

34.2160, 0.4510, 0.4801

Protanopia

34.3931, 0.4395, 0.4872

Deuteranopia

34.1325, 0.4691, 0.4597



Tritanopia

34.1204, 0.3536, 0.3144

Trichromacy



Original Color

34.2160, 0.4510, 0.4801

Protanomaly

34.4076, 0.4440, 0.4843

Deuteranomaly

34.0827, 0.4630, 0.4669

Tritanomaly

33.4721, 0.4086, 0.3966

Monochromacy



Original Color

34.2160, 0.4510, 0.4801

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.1979, 0.3795, 0.4149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2160, 0.4510, 0.4801 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(186, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 156, 0)  
}
```

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(186, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 156, 0) }
```

Border

The CSS property to change the border of an element to Yxy 34.2160, 0.4510, 0.4801 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(186, 156, 0) }
```

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

```
.border{ border-color:rgb(186, 156, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 156, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 156,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2160, 0.4510, 0.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 156, 0) }
```

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

```
.background{ background-color: rgb(186,  
156, 0) }
```

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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