

Converting Colors

$Y_{xy}(35.0856, 0.4316, 0.4583)$

Have a look what the booklet for
Yxy(35.0856, 0.4316, 0.4583)
contains.

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Color

Yxy(35.1499, 0.4319, 0.4584)

Conversions

Conversions Part 1

Format	Color
Hex	BA9E35
RGB	186, 158, 53
RGB Percent	73%, 62%, 21%
CMY	0.2706, 0.3804, 0.7920
CMYK	0.00, 0.15, 0.71, 0.27
HSL	47°, 56%, 47%
HSV	47°, 71%, 73%
XYZ	33.1179, 35.1499, 8.4117
YIQ	154.4020, 50.3930, -26.7190

Conversions

Conversions Part 2

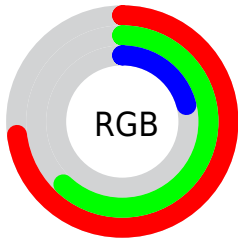
Format	Color
R _Y B	88, 186, 53
Decimal	12230197
CIE Lab	65.87, -1.03, 55.97
CIE LCh	66, 55.976, 91.052
Yxy	35.1499, 0.4319, 0.4584
Android (android.graphics.Color)	4290420277 (0xFFBA9E35)
YUV	154.4020, -49.9912, 27.7114
Hunter-Lab	59.2874, -4.0428, 33.0890

Details

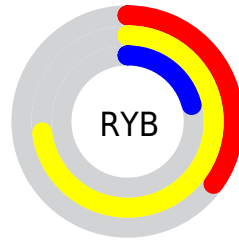
The Yxy color **35.1499, 0.4319, 0.4584** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.1906, 0.1865, 0.1432**, and the grayscale version is **32.7108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5401, 0.4126, 0.4367**, and **15.1825, 0.4519, 0.4794** is the 20% darker color. If you saturate the color by 10%, you get **33.6979, 0.4450, 0.4669**, and if you desaturate by 10%, it is **36.7142, 0.4165, 0.4457**.

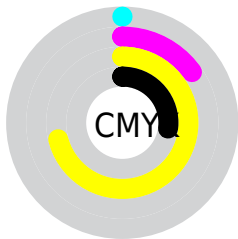
Distribution



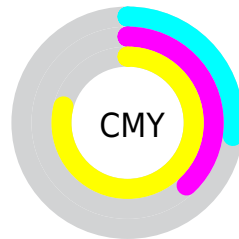
- Red (73%)
- Green (62%)
- Blue (21%)



- Red (35%)
- Yellow (73%)
- Blue (21%)



- Cyan (0%)
- Magenta (15%)
- Yellow (71%)
- Black (27%)




- Cyan (27%)
- Magenta (38%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1499, 0.4319, 0.4584 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 35.1499, 0.4319, 0.4584 by changing the saturation by 10% instead.


 35.1499, 0.4319,
0.4584


 35.1499, 0.4319,
0.4584


 325.2295, 0.3745,
0.3956


 23.7784, 0.4438,
0.4716


 67.7179, 0.4125,
0.4370

 15.1693, 0.4569,
0.4863


 89.6832, 0.4047,
0.4285


 8.9383, 0.4726,
0.5042


 115.9485, 0.3979,
0.4211

 4.7010, 0.4830,
0.5170

 146.8983, 0.3920,
0.4146

 2.0729, 0.4817,
0.5183

 182.9168, 0.3868,
0.4090

 0.6493, 0.4769,
0.5231

 224.3886, 0.3822,

 0.0000, 0.0000,

0.4040

0.0000

271.6981, 0.3781,
0.3996

■ 35.1499, 0.4319,
0.4584

■ 35.1499, 0.4319,
0.4584

■ 33.6979, 0.4450,
0.4669

■ 36.7142, 0.4165,
0.4457

■ 32.3446, 0.4552,
0.4708

■ 38.3931, 0.3996,
0.4297

■ 31.2570, 0.4622,
0.4712

■ 40.1945, 0.3819,
0.4113

■ 42.1244, 0.3641,
0.3915

■ 44.1879, 0.3468,
0.3712

■ 46.3900, 0.3303,
0.3512

■ 48.7353, 0.3149,
0.3318

■ 51.2282, 0.3007,
0.3134

■ 53.8727, 0.2878,
0.2962

Harmonies

Analogous

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



35.1499, 0.4766, 0.4016



35.1499, 0.4319, 0.4584



35.1499, 0.3590, 0.4880

Triad

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



35.1499, 0.4319, 0.4584



35.1499, 0.1744, 0.2844



35.1499, 0.3305, 0.2354

Complementary

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



35.1499, 0.4319, 0.4584



10.1906, 0.1865, 0.1432

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.



35.1499, 0.2496, 0.2074



35.1499, 0.4319, 0.4584



35.1499, 0.1696, 0.2268

Square

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



35.1499, 0.4319, 0.4584



35.1499, 0.2113, 0.3733



35.1499, 0.1947, 0.2031



35.1499, 0.4172, 0.2822

Rectangle

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



35.1499, 0.4319, 0.4584



35.1499, 0.3048, 0.4760



35.1499, 0.1947, 0.2031



35.1499, 0.3014, 0.2237

Sweetspot

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



35.1516, 0.4319, 0.4584



80.1562, 0.3465, 0.3710



13.5944, 0.5009, 0.2956



17.4176, 0.3513, 0.3766



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.



35.1516, 0.4319, 0.4584



59.6095, 0.4514, 0.4698



41.6962, 0.3717, 0.5086



10.1738, 0.3269, 0.3469



21.1426, 0.4615, 0.4718



0.8270, 0.4487, 0.4819

Inverse Universe

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



10.1906, 0.1865, 0.1432



12.1794, 0.1659, 0.1040



8.3040, 0.2060, 0.1186



9.0177, 0.2984, 0.3104



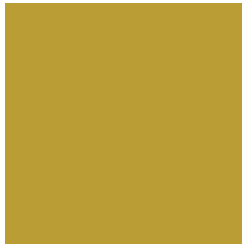
3.4583, 0.1565, 0.0833



0.2122, 0.1699, 0.1314

Previews

White Background



This preview shows how the Yxy color 35.1499, 0.4319, 0.4584 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 35.1499, 0.4319, 0.4584 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 35.1499, 0.4319, 0.4584

Background



This preview shows how black text looks on a background with the Yxy color 35.1499, 0.4319, 0.4584.

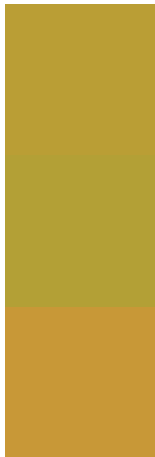


This preview shows how white text looks on a background with the Yxy color 35.1499, 0.4319, 0.4584.

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

35.1499, 0.4319, 0.4584

Protanopia

34.9917, 0.4222, 0.4642

Deuteranopia

35.0117, 0.4510, 0.4419



Tritanopia

35.1523, 0.3498, 0.3145

Trichromacy



Original Color

35.1499, 0.4319, 0.4584

Protanomaly

35.0077, 0.4263, 0.4612

Deuteranomaly

34.9796, 0.4445, 0.4478

Tritanomaly

34.8889, 0.3858, 0.3728

Monochromacy



Original Color

35.1499, 0.4319, 0.4584

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.8340, 0.3605, 0.3861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1499, 0.4319, 0.4584 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, 158, 53)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 53)  
}
```

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, 158, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 53) }
```

Border

The CSS property to change the border of an element to Yxy 35.1499, 0.4319, 0.4584 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, 158, 53) }
```

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

```
.border{ border-color:rgb(186, 158, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 53);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1499, 0.4319, 0.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 53) }
```

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

```
.background{ background-color: rgb(186,  
158, 53) }
```

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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