

Converting Colors

$Yxy(30.0558, 0.4389, 0.4435)$

Have a look what the booklet for
Yxy(30.0558, 0.4389, 0.4435)
contains.

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Color

Yxy(30.0558, 0.4389, 0.4435)

Conversions

Conversions Part 1

Format	Color
Hex	B59038
RGB	181, 144, 56
RGB Percent	71%, 56%, 22%
CMY	0.2902, 0.4353, 0.7805
CMYK	0.00, 0.20, 0.69, 0.29
HSL	42°, 53%, 46%
HSV	42°, 69%, 71%
XYZ	29.7441, 30.0558, 7.9697
YIQ	145.0310, 50.3000, -19.5240

Conversions

Conversions Part 2

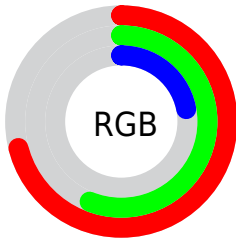
Format	Color
RYB	109, 181, 56
Decimal	11898936
CIELab	61.70, 4.54, 50.31
CIELCh	62, 50.513, 84.846
Yxy	30.0558, 0.4389, 0.4435
Android (android.graphics.Color)	4290089016 (0xFFB59038)
YUV	145.0310, -43.8923, 31.5448
Hunter-Lab	54.8232, 0.9038, 29.7572

Details

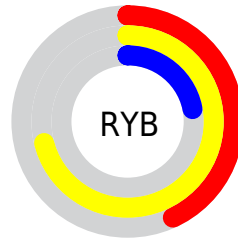
The Yxy color **30.0558, 0.4389, 0.4435** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.9993, 0.1950, 0.1686**, and the grayscale version is **28.4946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9750, 0.4165, 0.4249**, and **12.2905, 0.4677, 0.4668** is the 20% darker color. If you saturate the color by 10%, you get **28.3267, 0.4560, 0.4518**, and if you desaturate by 10%, it is **31.9289, 0.4200, 0.4312**.

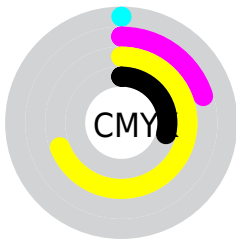
Distribution



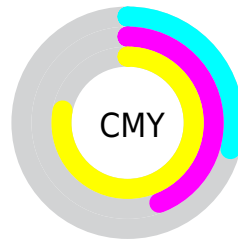
- Red (71%)
- Green (56%)
- Blue (22%)



- Red (43%)
- Yellow (71%)
- Blue (22%)



- Cyan (0%)
- Magenta (20%)
- Yellow (69%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0558, 0.4389, 0.4435 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 30.0558, 0.4389, 0.4435 by changing the saturation by 10% instead.

 30.0558, 0.4389,
0.4435


 30.0558, 0.4389,
0.4435


302.1645, 0.3751,
0.3873


 19.8809, 0.4533,
0.4554


 59.7504, 0.4164,
0.4242


 12.3085, 0.4700,
0.4684


 80.0390, 0.4077,
0.4166

 6.9542, 0.4930,
0.4858


 104.4675, 0.4002,
0.4099

 3.4335, 0.5080,
0.4920

 133.4205, 0.3937,
0.4042

 1.3620, 0.5153,
0.4847

 167.2823, 0.3881,
0.3991

 0.1885, 0.6060,
0.3940

 206.4373, 0.3832,

 0.0000, 0.0000,

0.3947

0.0000

251.2699, 0.3789,
0.3908

■ 30.0558, 0.4389,
0.4435

■ 30.0558, 0.4389,
0.4435

■ 28.3267, 0.4560,
0.4518

■ 31.9289, 0.4200,
0.4312

■ 26.7288, 0.4704,
0.4554

■ 33.9487, 0.4003,
0.4160

■ 25.2491, 0.4822,
0.4546

■ 36.1233, 0.3806,
0.3988

■ 25.1178, 0.4832,
0.4545

■ 38.4586, 0.3614,
0.3807

■ 40.9600, 0.3434,
0.3624

■ 43.6327, 0.3267,
0.3446

■ 46.4815, 0.3114,
0.3275

■ 49.5111, 0.2976,
0.3114

■ 52.7258, 0.2852,
0.2964

Harmonies

Analogous

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



30.0558, 0.4728, 0.3875



30.0558, 0.4389, 0.4435



30.0558, 0.3735, 0.4782

Triad

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



30.0558, 0.4389, 0.4435



30.0558, 0.1850, 0.3027



30.0558, 0.3126, 0.2320

Complementary

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



30.0558, 0.4389, 0.4435



11.9993, 0.1950, 0.1686

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.



30.0558, 0.2393, 0.2094



30.0558, 0.4389, 0.4435



30.0558, 0.1739, 0.2403

Square

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



30.0558, 0.4389, 0.4435



30.0558, 0.2274, 0.3898



30.0558, 0.1922, 0.2107



30.0558, 0.3963, 0.2740

Rectangle

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



30.0558, 0.4389, 0.4435



30.0558, 0.3220, 0.4747



30.0558, 0.1922, 0.2107



30.0558, 0.2858, 0.2221

Sweetspot

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



30.0573, 0.4389, 0.4435



72.3080, 0.3474, 0.3666



13.4482, 0.4701, 0.2814



15.3636, 0.3522, 0.3715



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.0573, 0.4389, 0.4435



49.1808, 0.4640, 0.4543



40.4047, 0.3809, 0.4972



9.4734, 0.3270, 0.3450



17.4386, 0.4822, 0.4553



0.6442, 0.4610, 0.4722

Inverse Universe

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



11.9993, 0.1950, 0.1686



15.0673, 0.1745, 0.1306



7.9092, 0.2003, 0.1206



8.6265, 0.2985, 0.3125



4.1981, 0.1615, 0.1012



0.2362, 0.1777, 0.1597

Previews

White Background



This preview shows how the Yxy color 30.0558, 0.4389, 0.4435 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0558, 0.4389, 0.4435 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 30.0558, 0.4389, 0.4435

Background



This preview shows how black text looks on a background with the Yxy color 30.0558, 0.4389, 0.4435.



This preview shows how white text looks on a background with the Yxy color 30.0558, 0.4389, 0.4435.

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

30.0558, 0.4389, 0.4435

Protanopia

30.3337, 0.4161, 0.4572

Deuteranopia

30.0805, 0.4456, 0.4372



Tritanopia

30.0636, 0.3620, 0.3153

Trichromacy



Original Color

30.0558, 0.4389, 0.4435

Protanomaly

30.2459, 0.4243, 0.4528

Deuteranomaly

30.1307, 0.4424, 0.4396

Tritanomaly

29.6835, 0.3940, 0.3646

Monochromacy



Original Color

30.0558, 0.4389, 0.4435

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.7122, 0.3596, 0.3795

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0558, 0.4389, 0.4435 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(181, 144, 56)` looks like.

```
.text, #text, p{  
    color:rgb(181, 144, 56)  
}
```

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(181, 144, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 144, 56) }
```

Border

The CSS property to change the border of an element to Yxy 30.0558, 0.4389, 0.4435 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(181, 144, 56) }
```

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

```
.border{ border-color:rgb(181, 144, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 144, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 144, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 144, 56);  
box-shadow:4px 4px 4px 4px rgb(181, 144,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0558, 0.4389, 0.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 144, 56) }
```

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

```
.background{ background-color: rgb(181,  
144, 56) }
```

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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