

Converting Colors

$Y_{xy}(29.6871, 0.4441, 0.4445)$

Have a look what the booklet for
Yxy(29.6871, 0.4441, 0.4445)
contains.

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Color

Yxy(29.5390, 0.4448, 0.4441)

Conversions

Conversions Part 1

Format	Color
Hex	B68E34
RGB	182, 142, 52
RGB Percent	71%, 56%, 20%
CMY	0.2862, 0.4431, 0.7961
CMYK	0.00, 0.22, 0.71, 0.29
HSL	42°, 56%, 46%
HSV	42°, 71%, 71%
XYZ	29.5856, 29.5390, 7.3897
YIQ	143.7000, 52.7300, -19.5100

Conversions

Conversions Part 2

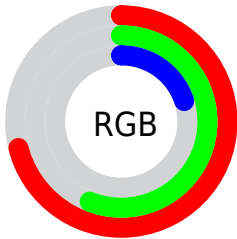
Format	Color
R_{YB}	110, 182, 52
Decimal	11963956
CIE Lab	61.25, 5.86, 51.62
CIE LCh	61, 51.949, 83.518
Yxy	29.5390, 0.4448, 0.4441
Android (android.graphics.Color)	4290154036 (0xFFB68E34)
YUV	143.7000, -45.2081, 33.5891
Hunter-Lab	54.3498, 2.0552, 29.9834

Details

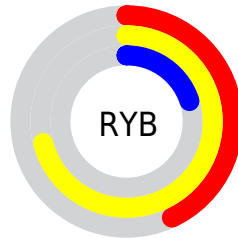
The Yxy color **29.5390, 0.4448, 0.4441** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.7615, 0.1921, 0.1651**, and the grayscale version is **27.9329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7305, 0.4212, 0.4244**, and **12.0143, 0.4730, 0.4626** is the 20% darker color. If you saturate the color by 10%, you get **27.7819, 0.4618, 0.4511**, and if you desaturate by 10%, it is **31.4459, 0.4258, 0.4329**.

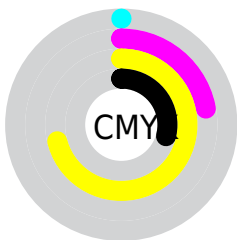
Distribution



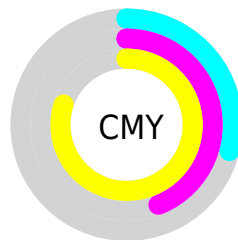
- Red (71%)
- Green (56%)
- Blue (20%)



- Red (43%)
- Yellow (71%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (71%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5390, 0.4448, 0.4441 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 29.5390, 0.4448, 0.4441 by changing the saturation by 10% instead.


 29.5390, 0.4448,
0.4441


 29.5390, 0.4448,
0.4441


299.7497, 0.3780,
0.3881

 19.4889, 0.4598,
0.4555


 58.9324, 0.4213,
0.4252


 12.0241, 0.4770,
0.4677


 79.0445, 0.4122,
0.4175


 6.7601, 0.5028,
0.4858


 103.2794, 0.4043,
0.4109

 3.3125, 0.5142,
0.4858

 132.0215, 0.3976,
0.4051

 1.2970, 0.5238,
0.4762

 165.6551, 0.3917,
0.4001

 0.1389, 0.6646,
0.3354

 204.5648, 0.3865,

 0.0000, 0.0000,

0.3956

0.0000

249.1349, 0.3820,
0.3917

■ 29.5390, 0.4448,
0.4441

■ 29.5390, 0.4448,
0.4441

■ 27.7819, 0.4618,
0.4511

■ 31.4459, 0.4258,
0.4329

■ 26.1614, 0.4761,
0.4533

■ 33.5060, 0.4058,
0.4184

■ 24.8688, 0.4863,
0.4520

■ 35.7277, 0.3857,
0.4019

■ 38.1171, 0.3661,
0.3842

■ 40.6800, 0.3476,
0.3661

■ 43.4220, 0.3305,
0.3484

■ 46.3480, 0.3148,
0.3314

■ 49.4628, 0.3007,
0.3153

■ 52.7712, 0.2880,
0.3003

Harmonies

Analogous

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



29.5390, 0.4784, 0.3857



29.5390, 0.4448, 0.4441



29.5390, 0.3782, 0.4825

Triad

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



29.5390, 0.4448, 0.4441



29.5390, 0.1824, 0.3050



29.5390, 0.3086, 0.2278

Complementary

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



29.5390, 0.4448, 0.4441



11.7615, 0.1921, 0.1651

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.



29.5390, 0.2342, 0.2056



29.5390, 0.4448, 0.4441



29.5390, 0.1699, 0.2394

Square

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



29.5390, 0.4448, 0.4441



29.5390, 0.2271, 0.3961



29.5390, 0.1874, 0.2079



29.5390, 0.3954, 0.2700

Rectangle

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



29.5390, 0.4448, 0.4441



29.5390, 0.3253, 0.4813



29.5390, 0.1874, 0.2079



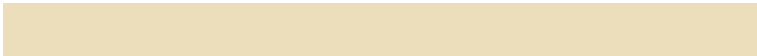
29.5390, 0.2813, 0.2179

Sweetspot

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



29.5404, 0.4448, 0.4441



73.7833, 0.3475, 0.3660



13.1945, 0.4742, 0.2781



16.0070, 0.3525, 0.3709



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.



29.5404, 0.4448, 0.4441



48.5660, 0.4708, 0.4530



40.9937, 0.3840, 0.5001



10.0243, 0.3271, 0.3448



17.6823, 0.4854, 0.4528



0.7276, 0.4646, 0.4693

Inverse Universe

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



11.7615, 0.1921, 0.1651



14.8077, 0.1720, 0.1266



7.3624, 0.1944, 0.1132



9.1582, 0.2985, 0.3127



4.4878, 0.1622, 0.1038



0.2714, 0.1774, 0.1584

Previews

White Background



This preview shows how the Yxy color 29.5390, 0.4448, 0.4441 looks on a white background.

Color Contrast Check

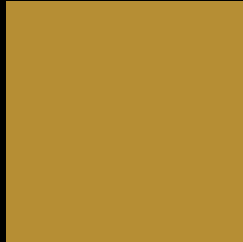
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5390, 0.4448, 0.4441 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5390, 0.4448, 0.4441

Background



This preview shows how black text looks on a background with the Yxy color 29.5390, 0.4448, 0.4441.



This preview shows how white text looks on a background with the Yxy color 29.5390, 0.4448, 0.4441.

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

29.5390, 0.4448, 0.4441

Protanopia

29.4455, 0.4185, 0.4602

Deuteranopia

29.6120, 0.4491, 0.4411



Tritanopia

29.4496, 0.3649, 0.3153

Trichromacy



Original Color

29.5390, 0.4448, 0.4441

Protanomaly

29.4727, 0.4278, 0.4549

Deuteranomaly

29.4880, 0.4480, 0.4417

Tritanomaly

29.1732, 0.3996, 0.3658

Monochromacy



Original Color

29.5390, 0.4448, 0.4441

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0617, 0.3626, 0.3797

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5390, 0.4448, 0.4441 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, 142, 52)` looks like.

```
.text, #text, p{  
    color:rgb(182, 142, 52)  
}
```

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, 142, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 142, 52) }
```

Border

The CSS property to change the border of an element to Yxy 29.5390, 0.4448, 0.4441 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, 142, 52) }
```

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

```
.border{ border-color:rgb(182, 142, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 142, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 142, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 142, 52);  
box-shadow:4px 4px 4px 4px rgb(182, 142,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5390, 0.4448, 0.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 142, 52) }
```

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

```
.background{ background-color: rgb(182,  
142, 52) }
```

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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