

Converting Colors

$Y_{xy}(26.3511, 0.4217, 0.3891)$

Have a look what the booklet for
Yxy(26.3511, 0.4217, 0.3891)
contains.

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Color

Yxy(26.3731, 0.4216, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	B48258
RGB	180, 130, 88
RGB Percent	71%, 51%, 35%
CMY	0.2941, 0.4902, 0.6548
CMYK	0.00, 0.28, 0.51, 0.29
HSL	27°, 38%, 53%
HSV	27°, 51%, 71%
XYZ	28.5686, 26.3731, 12.8206
YIQ	140.1620, 43.2820, -2.4620

Conversions

Conversions Part 2

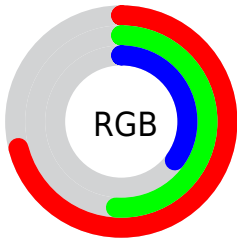
Format	Color
R_{YB}	180, 165, 88
Decimal	11829848
CIE Lab	58.39, 14.29, 30.23
CIE LCh	58, 33.436, 64.707
Yxy	26.3731, 0.4216, 0.3892
Android (android.graphics.Color)	4290019928 (0xFFB48258)
YUV	140.1620, -25.7159, 34.9379
Hunter-Lab	51.3547, 9.4286, 21.1467

Details

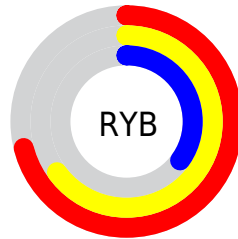
The Yxy color $26.3731, 0.4216, 0.3892$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $23.5557, 0.2334, 0.2574$, and the grayscale version is $26.3824, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9082, 0.3987, 0.3780$, and $10.3300, 0.4577, 0.4057$ is the 20% darker color. If you saturate the color by 10%, you get $23.6312, 0.4501, 0.3988$, and if you desaturate by 10%, it is $29.4389, 0.3950, 0.3778$.

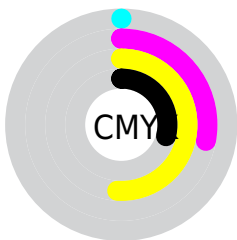
Distribution



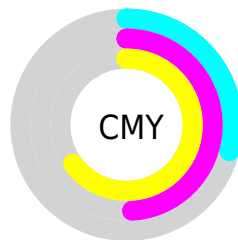
- Red (71%)
- Green (51%)
- Blue (35%)



- Red (71%)
- Yellow (65%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (51%)
- Black (29%)





- Cyan (29%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3731, 0.4216, 0.3892 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 26.3731, 0.4216, 0.3892 by changing the saturation by 10% instead.

 26.3731, 0.4216,
0.3892


 26.3731, 0.4216,
0.3892


284.6088, 0.3623,
0.3590


 17.1030, 0.4377,
0.3961


 53.8762, 0.3990,
0.3785

 10.3079, 0.4588,
0.4042


 72.8780, 0.3908,
0.3744

 5.6036, 0.4873,
0.4131

 95.8925, 0.3840,
0.3709

 2.6056, 0.5465,
0.4363

 123.3040, 0.3783,
0.3678

 0.9295, 0.5821,
0.4179

 155.4971, 0.3734,
0.3652

 0.0000, 1.0000,
0.0000

192.8559, 0.3692,

 0.0000, 0.0000,

0.3629

0.0000

235.7651, 0.3655,
0.3608

■ 26.3731, 0.4216,
0.3892

■ 26.3731, 0.4216,
0.3892

■ 23.6312, 0.4501,
0.3988

■ 29.4389, 0.3950,
0.3778

■ 21.1969, 0.4794,
0.4054

■ 32.8362, 0.3709,
0.3657

■ 19.0580, 0.5078,
0.4078

■ 36.5772, 0.3495,
0.3534

■ 17.1995, 0.5333,
0.4050

■ 40.6723, 0.3307,
0.3415

■ 15.7618, 0.5532,
0.3990

■ 45.1312, 0.3144,
0.3302

■ 49.9634, 0.3002,
0.3197

■ 55.1778, 0.2880,
0.3099

■ 60.7833, 0.2774,
0.3010

■ 66.7881, 0.2682,
0.2928

Harmonies

Analogous

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



26.3731, 0.4211, 0.3462



26.3731, 0.4216, 0.3892



26.3731, 0.3912, 0.4223

Triad

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



26.3731, 0.4216, 0.3892



26.3731, 0.2405, 0.3516



26.3731, 0.2770, 0.2451

Complementary

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



26.3731, 0.4216, 0.3892



23.5557, 0.2334, 0.2574

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.



26.3731, 0.2348, 0.2408



26.3731, 0.4216, 0.3892



26.3731, 0.2152, 0.2962

Square

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



26.3731, 0.4216, 0.3892



26.3731, 0.2859, 0.4048



26.3731, 0.2135, 0.2575



26.3731, 0.3330, 0.2674

Rectangle

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



26.3731, 0.4216, 0.3892



26.3731, 0.3591, 0.4319



26.3731, 0.2135, 0.2575



26.3731, 0.2609, 0.2415

Sweetspot

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



26.3744, 0.4216, 0.3892



70.5772, 0.3382, 0.3464



18.5394, 0.3747, 0.2578



14.9221, 0.3421, 0.3489



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.



26.3744, 0.4216, 0.3892



42.4056, 0.4529, 0.3996



41.2289, 0.3891, 0.4456



9.1229, 0.3276, 0.3394



11.1307, 0.5512, 0.4006



0.4673, 0.5053, 0.4370

Inverse Universe

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



23.5557, 0.2334, 0.2574



36.7085, 0.2180, 0.2386



13.1327, 0.2178, 0.1771



8.9700, 0.2985, 0.3184



8.5133, 0.1819, 0.1749



0.3828, 0.1950, 0.2221

Previews

White Background



This preview shows how the Yxy color 26.3731, 0.4216, 0.3892 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 26.3731, 0.4216, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

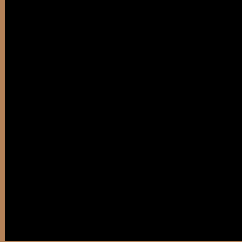
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3731, 0.4216, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 26.3731, 0.4216, 0.3892.



This preview shows how white text looks on a background with the Yxy color 26.3731, 0.4216, 0.3892.

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

26.3731, 0.4216, 0.3892

Protanopia

26.5948, 0.3775, 0.4082

Deuteranopia

26.2844, 0.4077, 0.3996



Tritanopia

26.3269, 0.3742, 0.3149

Trichromacy



Original Color

26.3731, 0.4216, 0.3892

Protanomaly

26.4332, 0.3930, 0.4005

Deuteranomaly

26.4618, 0.4133, 0.3967

Tritanomaly

26.2733, 0.3933, 0.3422

Monochromacy



Original Color

26.3731, 0.4216, 0.3892

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9574, 0.3508, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3731, 0.4216, 0.3892 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(180, 130, 88)` looks like.

```
.text, #text, p{  
    color:rgb(180, 130, 88)  
}
```

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(180, 130, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 130, 88) }
```

Border

The CSS property to change the border of an element to Yxy 26.3731, 0.4216, 0.3892 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(180, 130, 88) }
```

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

```
.border{ border-color:rgb(180, 130, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 130, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 130, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 130, 88);  
box-shadow:4px 4px 4px 4px rgb(180, 130,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3731, 0.4216, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 130, 88) }
```

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

```
.background{ background-color: rgb(180,  
130, 88) }
```

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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