

Converting Colors

$Yxy(26.5844, 0.4230, 0.4054)$

Have a look what the booklet for
Yxy(26.5844, 0.4230, 0.4054)
contains.

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Color

Yxy(26.5844, 0.4230, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	B08550
RGB	176, 133, 80
RGB Percent	69%, 52%, 31%
CMY	0.3098, 0.4784, 0.6864
CMYK	0.00, 0.24, 0.55, 0.31
HSL	33°, 38%, 50%
HSV	33°, 55%, 69%
XYZ	27.7385, 26.5844, 11.2528
YIQ	139.8150, 42.6410, -7.3670

Conversions

Conversions Part 2

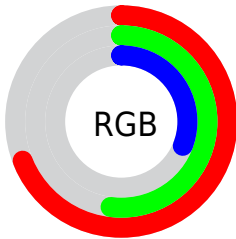
Format	Color
RYB	158, 176, 80
Decimal	11568464
CIELab	58.59, 10.16, 34.74
CIElCh	59, 36.197, 73.706
Yxy	26.5844, 0.4230, 0.4054
Android (android.graphics.Color)	4289758544 (0xFFB08550)
YUV	139.8150, -29.4888, 31.7342
Hunter-Lab	51.5601, 5.8002, 23.1522

Details

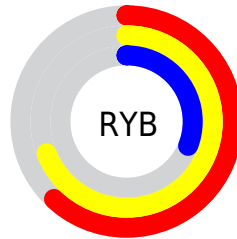
The Yxy color **26.5844, 0.4230, 0.4054** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.9944, 0.2250, 0.2345**, and the grayscale version is **26.2539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2219, 0.4012, 0.3918**, and **10.5154, 0.4584, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **24.2815, 0.4480, 0.4162**, and if you desaturate by 10%, it is **29.1199, 0.3987, 0.3923**.

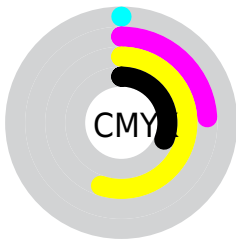
Distribution



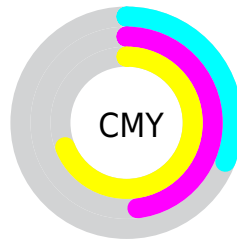
- Red (69%)
- Green (52%)
- Blue (31%)



- Red (62%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (31%)



- Cyan (31%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5844, 0.4230, 0.4054 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 26.5844, 0.4230, 0.4054 by changing the saturation by 10% instead.


 26.5844, 0.4230,
0.4054


 26.5844, 0.4230,
0.4054


285.6392, 0.3636,
0.3666


 17.2613, 0.4386,
0.4144


 54.2162, 0.4007,
0.3916


 10.4210, 0.4587,
0.4251

 73.2938, 0.3925,
0.3862


 5.6790, 0.4847,
0.4370

 96.3917, 0.3856,
0.3817

 2.6509, 0.5367,
0.4633

 123.8942, 0.3799,
0.3778

 0.9523, 0.5557,
0.4443

 156.1859, 0.3749,
0.3744

 0.0000, 1.0000,
0.0000

193.6510, 0.3706,

 0.0000, 0.0000,

0.3715

0.0000

236.6739, 0.3669,
0.3689

■ 26.5844, 0.4230,
0.4054

■ 26.5844, 0.4230,
0.4054

■ 24.2815, 0.4480,
0.4162

■ 29.1199, 0.3987,
0.3923

■ 22.1983, 0.4726,
0.4236

■ 31.8923, 0.3760,
0.3780

■ 20.3263, 0.4954,
0.4264

■ 34.9107, 0.3551,
0.3634

■ 18.6539, 0.5150,
0.4240

■ 38.1824, 0.3364,
0.3489

■ 17.8174, 0.5250,
0.4214

■ 41.7142, 0.3197,
0.3351

■ 45.5128, 0.3049,
0.3220

■ 49.5845, 0.2920,
0.3099

■ 53.9354, 0.2806,
0.2987

■ 58.5713, 0.2706,
0.2884

Harmonies

Analogous

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



26.5844, 0.4338, 0.3609



26.5844, 0.4230, 0.4054



26.5844, 0.3820, 0.4359

Triad

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



26.5844, 0.4230, 0.4054



26.5844, 0.2243, 0.3341



26.5844, 0.2911, 0.2446

Complementary

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



26.5844, 0.4230, 0.4054



18.9944, 0.2250, 0.2345

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.



26.5844, 0.2405, 0.2338



26.5844, 0.4230, 0.4054



26.5844, 0.2051, 0.2784

Square

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



26.5844, 0.4230, 0.4054



26.5844, 0.2671, 0.3960



26.5844, 0.2108, 0.2442



26.5844, 0.3532, 0.2732

Rectangle

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



26.5844, 0.4230, 0.4054



26.5844, 0.3447, 0.4401



26.5844, 0.2108, 0.2442



26.5844, 0.2723, 0.2388

Sweetspot

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



26.5857, 0.4230, 0.4054



68.2002, 0.3394, 0.3514



16.3974, 0.3965, 0.2669



14.5183, 0.3431, 0.3542



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.5857, 0.4230, 0.4054



43.4187, 0.4519, 0.4177



40.3078, 0.3855, 0.4596



9.2574, 0.3274, 0.3416



13.1917, 0.5235, 0.4225



0.5294, 0.4872, 0.4513

Inverse Universe

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



18.9944, 0.2250, 0.2345



28.3055, 0.2077, 0.2100



10.7881, 0.2134, 0.1596



8.8356, 0.2985, 0.3161



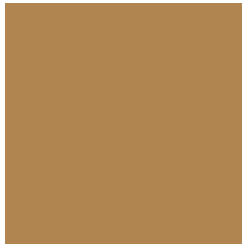
6.4942, 0.1732, 0.1433



0.3214, 0.1884, 0.1983

Previews

White Background



This preview shows how the Yxy color 26.5844, 0.4230, 0.4054 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 26.5844, 0.4230, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

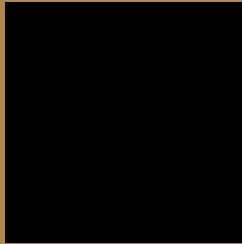
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5844, 0.4230, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 26.5844, 0.4230, 0.4054.



This preview shows how white text looks on a background with the Yxy color 26.5844, 0.4230, 0.4054.

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

26.5844, 0.4230, 0.4054

Protanopia

26.6428, 0.3888, 0.4211

Deuteranopia

26.6778, 0.4166, 0.4097



Tritanopia

26.5230, 0.3674, 0.3148

Trichromacy



Original Color

26.5844, 0.4230, 0.4054

Protanomaly

26.5727, 0.4015, 0.4149

Deuteranomaly

26.5136, 0.4186, 0.4079

Tritanomaly

26.5452, 0.3882, 0.3482

Monochromacy



Original Color

26.5844, 0.4230, 0.4054

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9716, 0.3514, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5844, 0.4230, 0.4054 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(176, 133, 80)` looks like.

```
.text, #text, p{  
    color:rgb(176, 133, 80)  
}
```

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(176, 133, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 133, 80) }
```

Border

The CSS property to change the border of an element to Yxy 26.5844, 0.4230, 0.4054 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(176, 133, 80) }
```

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

```
.border{ border-color:rgb(176, 133, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 133, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 133, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 133, 80);  
box-shadow:4px 4px 4px 4px rgb(176, 133,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5844, 0.4230, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 133, 80) }
```

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

```
.background{ background-color: rgb(176,  
133, 80) }
```

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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