

Converting Colors

$Y_{xy}(26.1604, 0.4463, 0.3780)$

Have a look what the booklet for
Yxy(26.1604, 0.4463, 0.3780)
contains.

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Color

Yxy(26.3071, 0.4458, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	C27B56
RGB	194, 123, 86
RGB Percent	76%, 48%, 34%
CMY	0.2392, 0.5176, 0.6628
CMYK	0.00, 0.37, 0.56, 0.24
HSL	21°, 47%, 55%
HSV	21°, 56%, 76%
XYZ	31.0093, 26.3071, 12.2423
YIQ	140.0110, 54.1930, 3.5450

Conversions

Conversions Part 2

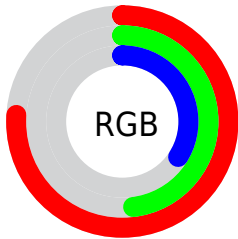
Format	Color
RYB	194, 142, 86
Decimal	12745558
CIELab	58.33, 23.83, 31.62
CIELCh	58, 39.595, 52.996
Yxy	26.3071, 0.4458, 0.3782
Android (android.graphics.Color)	4290935638 (0xFFC27B56)
YUV	140.0110, -26.6274, 47.3484
Hunter-Lab	51.2904, 18.1596, 21.7516

Details

The Yxy color **26.3071, 0.4458, 0.3782** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **29.9738, 0.2307, 0.2699**, and the grayscale version is **26.3197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7109, 0.4181, 0.3713**, and **10.2299, 0.4930, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **23.0770, 0.4800, 0.3839**, and if you desaturate by 10%, it is **30.0366, 0.4140, 0.3703**.

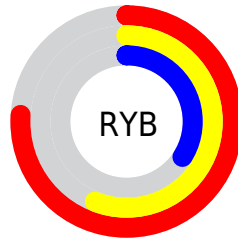
Distribution



Red (76%)

Green (48%)

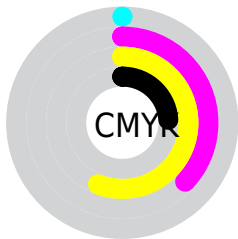
Blue (34%)



Red (76%)

Yellow (56%)

Blue (34%)

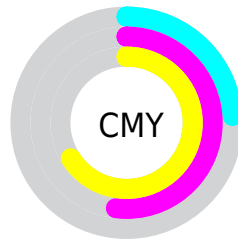


Cyan (0%)

Magenta (37%)

Yellow (56%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3071, 0.4458, 0.3782 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 26.3071, 0.4458, 0.3782 by changing the saturation by 10% instead.


 26.3071, 0.4458,
0.3782


 26.3071, 0.4458,
0.3782


284.2864, 0.3731,
0.3555

 17.0535, 0.4655,
0.3824


 53.7700, 0.4181,
0.3708


 10.2727, 0.4912,
0.3864


 72.7480, 0.4081,
0.3677


 5.5801, 0.5258,
0.3888

 95.7364, 0.3998,
0.3650

 2.5915, 0.5980,
0.4020

 123.1194, 0.3927,
0.3626

 0.9224, 0.6373,
0.3627

 155.2816, 0.3867,
0.3605

 0.0000, 1.0000,
0.0000

192.6072, 0.3816,

 0.0000, 0.0000,

0.3587

0.0000

235.4806, 0.3771,
0.3570

■ 26.3071, 0.4458,
0.3782

■ 26.3071, 0.4458,
0.3782

■ 23.0770, 0.4800,
0.3839

■ 30.0366, 0.4140,
0.3703

■ 20.3196, 0.5149,
0.3862

■ 34.2828, 0.3857,
0.3612

■ 18.0112, 0.5476,
0.3840

■ 39.0669, 0.3610,
0.3518

■ 16.1236, 0.5752,
0.3768

■ 44.4075, 0.3398,
0.3426

■ 15.4248, 0.5858,
0.3730

■ 50.3226, 0.3217,
0.3338

■ 56.8290, 0.3064,
0.3255

■ 63.9430, 0.2934,
0.3179

■ 71.6802, 0.2823,
0.3110

■ 79.6914, 0.2758,
0.3104

Harmonies

Analogous

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



26.3071, 0.4301, 0.3275



26.3071, 0.4458, 0.3782



26.3071, 0.4218, 0.4243

Triad

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



26.3071, 0.4458, 0.3782



26.3071, 0.2457, 0.3828



26.3071, 0.2487, 0.2272

Complementary

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



26.3071, 0.4458, 0.3782



29.9738, 0.2307, 0.2699

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.



26.3071, 0.2094, 0.2306



26.3071, 0.4458, 0.3782



26.3071, 0.2071, 0.3131

Square

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



26.3071, 0.4458, 0.3782



26.3071, 0.3048, 0.4380



26.3071, 0.1951, 0.2588



26.3071, 0.3092, 0.2453

Rectangle

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



26.3071, 0.4458, 0.3782



26.3071, 0.3890, 0.4454



26.3071, 0.1951, 0.2588



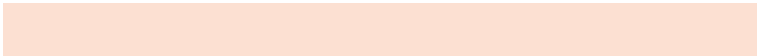
26.3071, 0.2329, 0.2257

Sweetspot

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



26.3084, 0.4458, 0.3782



78.8534, 0.3429, 0.3440



20.5889, 0.3650, 0.2367



16.8225, 0.3471, 0.3459



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.3084, 0.4458, 0.3782



40.5458, 0.4883, 0.3848



43.1881, 0.4038, 0.4421



10.6299, 0.3281, 0.3370



10.2803, 0.5834, 0.3749



0.5736, 0.5398, 0.4096

Inverse Universe

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



29.9738, 0.2307, 0.2699



47.7000, 0.2163, 0.2539



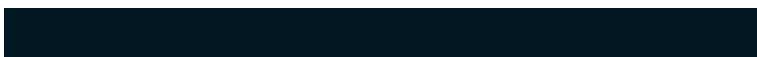
15.7688, 0.2119, 0.1804



10.8281, 0.2984, 0.3209



12.7814, 0.1928, 0.2141



0.6763, 0.2008, 0.2427

Previews

White Background



This preview shows how the Yxy color 26.3071, 0.4458, 0.3782 looks on a white background.

Color Contrast Check

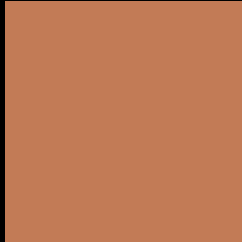
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3071, 0.4458, 0.3782 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 26.3071, 0.4458, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 26.3071, 0.4458, 0.3782.



This preview shows how white text looks on a background with the Yxy color 26.3071, 0.4458, 0.3782.

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

26.3071, 0.4458, 0.3782

Protanopia

26.6124, 0.3765, 0.4066

Deuteranopia

26.3482, 0.4121, 0.4034



Tritanopia

26.3595, 0.4011, 0.3172

Trichromacy



Original Color

26.3071, 0.4458, 0.3782

Protanomaly

26.1132, 0.4021, 0.3960

Deuteranomaly

26.2048, 0.4237, 0.3936

Tritanomaly

26.3386, 0.4184, 0.3401

Monochromacy



Original Color

26.3071, 0.4458, 0.3782

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8798, 0.3585, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3071, 0.4458, 0.3782 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(194, 123, 86)` looks like.

```
.text, #text, p{  
    color:rgb(194, 123, 86)  
}
```

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(194, 123, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 123, 86) }
```

Border

The CSS property to change the border of an element to Yxy 26.3071, 0.4458, 0.3782 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(194, 123, 86) }
```

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

```
.border{ border-color:rgb(194, 123, 86) }
```

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

Here you see how a box with a 4 pixel rgb(194, 123, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 123, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 123, 86);  
box-shadow:4px 4px 4px 4px rgb(194, 123,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3071, 0.4458, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 123, 86) }
```

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

```
.background{ background-color: rgb(194,  
123, 86) }
```

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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