

Converting Colors

$Y_{xy}(26.3774, 0.4009, 0.4010)$

Have a look what the booklet for
Yxy(26.3774, 0.4009, 0.4010)
contains.

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Color

Yxy(26.5284, 0.4016, 0.4020)

Conversions

Conversions Part 1

Format	Color
Hex	A78858
RGB	167, 136, 88
RGB Percent	65%, 53%, 35%
CMY	0.3451, 0.4666, 0.6548
CMYK	0.00, 0.19, 0.47, 0.35
HSL	36°, 31%, 50%
HSV	36°, 47%, 65%
XYZ	26.5020, 26.5284, 12.9606
YIQ	139.7970, 33.8840, -8.3560

Conversions

Conversions Part 2

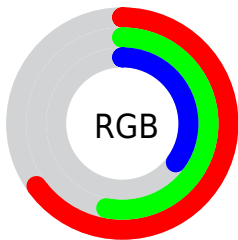
Format	Color
R_{YB}	139, 167, 88
Decimal	10979416
CIE _{Lab}	58.54, 5.38, 30.13
CIE _{LCh}	59, 30.603, 79.879
Yxy	26.5284, 0.4016, 0.4020
Android (android.graphics.Color)	4289169496 (0xFFA78858)
YUV	139.7970, -25.5359, 23.8570
Hunter-Lab	51.5057, 1.7112, 21.1346

Details

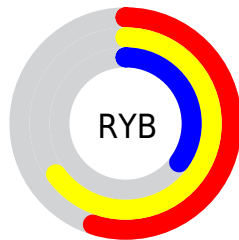
The Yxy color **26.5284, 0.4016, 0.4020** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.0623, 0.2354, 0.2415**, and the grayscale version is **26.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1066, 0.3835, 0.3872**, and **10.3264, 0.4319, 0.4232** is the 20% darker color. If you saturate the color by 10%, you get **24.4939, 0.4242, 0.4158**, and if you desaturate by 10%, it is **28.7417, 0.3798, 0.3867**.

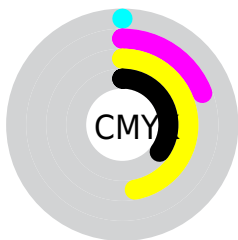
Distribution



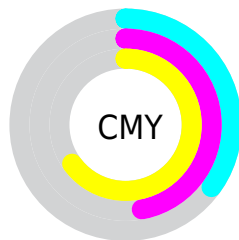
- Red (65%)
- Green (53%)
- Blue (35%)



- Red (55%)
- Yellow (65%)
- Blue (35%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5284, 0.4016, 0.4020 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 26.5284, 0.4016, 0.4020 by changing the saturation by 10% instead.


 26.5284, 0.4016,
0.4020


 26.5284, 0.4016,
0.4020


285.3664, 0.3536,
0.3637


 17.2194, 0.4145,
0.4117


 54.1262, 0.3834,
0.3878


 10.3910, 0.4312,
0.4239


 73.1837, 0.3768,
0.3826

 5.6590, 0.4535,
0.4392

 96.2595, 0.3713,
0.3781

 2.6388, 0.5021,
0.4749

 123.7379, 0.3666,
0.3744

 0.9462, 0.5245,
0.4755

 156.0035, 0.3627,
0.3711

 0.0000, 0.0000,
0.0000

193.4405, 0.3592,

0.3683

236.4333, 0.3562,
0.3659

■ 26.5284, 0.4016,
0.4020

■ 26.5284, 0.4016,
0.4020

■ 24.4939, 0.4242,
0.4158

■ 28.7417, 0.3798,
0.3867

■ 22.6280, 0.4469,
0.4269

■ 31.1360, 0.3594,
0.3709

■ 20.9250, 0.4685,
0.4344

■ 33.7180, 0.3408,
0.3550

■ 19.3770, 0.4879,
0.4372

■ 36.4930, 0.3239,
0.3397

■ 17.9730, 0.5044,
0.4351

■ 39.4660, 0.3088,
0.3252

■ 17.6126, 0.5087,
0.4342

■ 42.6417, 0.2954,
0.3115

■ 46.0246, 0.2835,
0.2989

■ 49.6193, 0.2730,
0.2873

■ 53.4298, 0.2637,
0.2767

Harmonies

Analogous

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



26.5284, 0.4159, 0.3660



26.5284, 0.4016, 0.4020



26.5284, 0.3633, 0.4219

Triad

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



26.5284, 0.4016, 0.4020



26.5284, 0.2319, 0.3234



26.5284, 0.3053, 0.2601

Complementary

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



26.5284, 0.4016, 0.4020



18.0623, 0.2354, 0.2415

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.



26.5284, 0.2587, 0.2474



26.5284, 0.4016, 0.4020



26.5284, 0.2193, 0.2790

Square

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



26.5284, 0.4016, 0.4020



26.5284, 0.2654, 0.3752



26.5284, 0.2286, 0.2531



26.5284, 0.3579, 0.2878

Rectangle

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



26.5284, 0.4016, 0.4020



26.5284, 0.3304, 0.4200



26.5284, 0.2286, 0.2531



26.5284, 0.2884, 0.2540

Sweetspot

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



26.5297, 0.4016, 0.4020



61.8630, 0.3354, 0.3503



16.5447, 0.3865, 0.2805



13.6168, 0.3391, 0.3535



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.5297, 0.4016, 0.4020



43.6115, 0.4259, 0.4167



35.7218, 0.3729, 0.4455



8.2721, 0.3271, 0.3427



13.5755, 0.5077, 0.4351



0.4256, 0.4717, 0.4636

Inverse Universe

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



18.0623, 0.2354, 0.2415



26.5869, 0.2177, 0.2171



12.2553, 0.2328, 0.1867



7.7654, 0.2986, 0.3149



5.1650, 0.1687, 0.1271



0.2257, 0.1876, 0.1954

Previews

White Background



This preview shows how the Yxy color 26.5284, 0.4016, 0.4020 looks on a white background.

Color Contrast Check

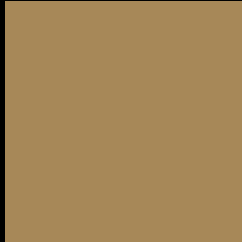
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5284, 0.4016, 0.4020 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 26.5284, 0.4016, 0.4020

Background



This preview shows how black text looks on a background with the Yxy color 26.5284, 0.4016, 0.4020.



This preview shows how white text looks on a background with the Yxy color 26.5284, 0.4016, 0.4020.

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

26.5284, 0.4016, 0.4020

Protanopia

26.5602, 0.3795, 0.4113

Deuteranopia

26.5786, 0.4059, 0.3996



Tritanopia

26.6294, 0.3508, 0.3142

Trichromacy



Original Color

26.5284, 0.4016, 0.4020

Protanomaly

26.4556, 0.3878, 0.4081

Deuteranomaly

26.4675, 0.4047, 0.3999

Tritanomaly

26.4291, 0.3701, 0.3459

Monochromacy



Original Color

26.5284, 0.4016, 0.4020

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.3297, 0.3440, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5284, 0.4016, 0.4020 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(167, 136, 88)` looks like.

```
.text, #text, p{  
    color:rgb(167, 136, 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(167, 136, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 136, 88) }
```

Border

The CSS property to change the border of an element to Yxy 26.5284, 0.4016, 0.4020 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(167, 136, 88) }
```

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

```
.border{ border-color:rgb(167, 136, 88) }
```

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

Here you see how a box with a 4 pixel rgb(167, 136, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 136, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 136, 88);  
box-shadow:4px 4px 4px 4px rgb(167, 136,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5284, 0.4016, 0.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 136, 88) }
```

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

```
.background{ background-color: rgb(167,  
136, 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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