

Converting Colors

$Y_{xy}(26.0602, 0.4373, 0.4013)$

Have a look what the booklet for
Yxy(26.0602, 0.4373, 0.4013)
contains.

Yxy(26.1814, 0.4366, 0.4013)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1814, 0.4366, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	B6814D
RGB	182, 129, 77
RGB Percent	71%, 51%, 30%
CMY	0.2862, 0.4941, 0.6980
CMYK	0.00, 0.29, 0.58, 0.29
HSL	30°, 42%, 51%
HSV	30°, 58%, 71%
XYZ	28.4844, 26.1814, 10.5756
YIQ	138.9190, 48.2800, -4.9360

Conversions

Conversions Part 2

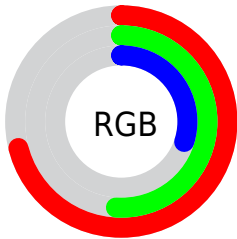
Format	Color
R_{YB}	182, 180, 77
Decimal	11960653
CIE _{Lab}	58.21, 14.73, 36.01
CIE _{LCh}	58, 38.910, 67.747
Yxy	26.1814, 0.4366, 0.4013
Android (android.graphics.Color)	4290150733 (0xFFB6814D)
YUV	138.9190, -30.5261, 37.7820
Hunter-Lab	51.1678, 9.8250, 23.5630

Details

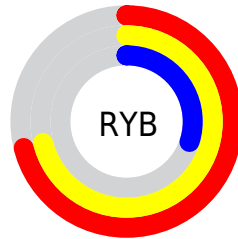
The Yxy color **26.1814, 0.4366, 0.4013** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.9305, 0.2223, 0.2387**, and the grayscale version is **25.8930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5135, 0.4111, 0.3894**, and **10.2667, 0.4765, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **23.6472, 0.4641, 0.4099**, and if you desaturate by 10%, it is **29.0079, 0.4100, 0.3901**.

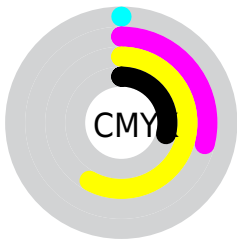
Distribution



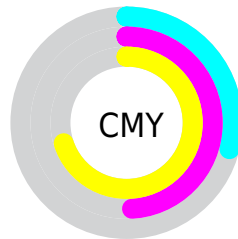
- Red (71%)
- Green (51%)
- Blue (30%)



- Red (71%)
- Yellow (71%)
- Blue (30%)



- Cyan (0%)
- Magenta (29%)
- Yellow (58%)
- Black (29%)





- Cyan (29%)
- Magenta (49%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1814, 0.4366, 0.4013 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 26.1814, 0.4366, 0.4013 by changing the saturation by 10% instead.


 26.1814, 0.4366,
0.4013


 26.1814, 0.4366,
0.4013


283.6714, 0.3697,
0.3656


 16.9594, 0.4542,
0.4090


 53.5674, 0.4114,
0.3889


 10.2055, 0.4768,
0.4176


 72.5003, 0.4022,
0.3841


 5.5355, 0.5062,
0.4259

 95.4388, 0.3945,
0.3799

 2.5647, 0.5585,
0.4415

 122.7675, 0.3880,
0.3762

 0.9090, 0.5855,
0.4145

 154.8707, 0.3824,
0.3731

 0.0000, 1.0000,
0.0000

192.1329, 0.3776,

 0.0000, 0.0000,

0.3703

0.0000

234.9383, 0.3734,
0.3678

■ 26.1814, 0.4366,
0.4013

■ 26.1814, 0.4366,
0.4013

■ 23.6472, 0.4641,
0.4099

■ 29.0079, 0.4100,
0.3901

■ 21.3896, 0.4911,
0.4147

■ 32.1339, 0.3851,
0.3774

■ 19.3966, 0.5159,
0.4146

■ 35.5708, 0.3626,
0.3642

■ 17.6512, 0.5372,
0.4093

■ 39.3282, 0.3425,
0.3510

■ 17.2779, 0.5420,
0.4079

■ 43.4154, 0.3248,
0.3383

■ 47.8411, 0.3093,
0.3263

■ 52.6135, 0.2958,
0.3151

■ 57.7409, 0.2841,
0.3049

■ 63.2309, 0.2739,
0.2954

Harmonies

Analogous

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



26.1814, 0.4410, 0.3523



26.1814, 0.4366, 0.4013



26.1814, 0.3974, 0.4394

Triad

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



26.1814, 0.4366, 0.4013



26.1814, 0.2249, 0.3478



26.1814, 0.2769, 0.2349

Complementary

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



26.1814, 0.4366, 0.4013



20.9305, 0.2223, 0.2387

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.



26.1814, 0.2269, 0.2274



26.1814, 0.4366, 0.4013



26.1814, 0.1994, 0.2842

Square

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



26.1814, 0.4366, 0.4013



26.1814, 0.2746, 0.4135



26.1814, 0.2004, 0.2429



26.1814, 0.3428, 0.2618

Rectangle

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



26.1814, 0.4366, 0.4013



26.1814, 0.3589, 0.4498



26.1814, 0.2004, 0.2429



26.1814, 0.2579, 0.2300

Sweetspot

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



26.1827, 0.4366, 0.4013



71.5732, 0.3417, 0.3505



16.9026, 0.3924, 0.2545



15.4964, 0.3455, 0.3531



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.



26.1827, 0.4366, 0.4013



41.8034, 0.4709, 0.4115



43.2331, 0.3952, 0.4616



9.7268, 0.3276, 0.3403



12.3319, 0.5402, 0.4093



0.5586, 0.5011, 0.4403

Inverse Universe

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



20.9305, 0.2223, 0.2387



31.3841, 0.2054, 0.2148



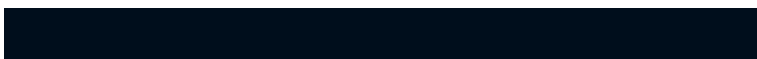
10.5143, 0.2031, 0.1495



9.4488, 0.2985, 0.3174



7.9113, 0.1782, 0.1616



0.4026, 0.1912, 0.2084

Previews

White Background



This preview shows how the Yxy color 26.1814, 0.4366, 0.4013 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 26.1814, 0.4366, 0.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

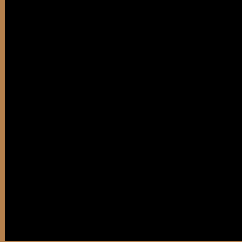
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1814, 0.4366, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 26.1814, 0.4366, 0.4013.



This preview shows how white text looks on a background with the Yxy color 26.1814, 0.4366, 0.4013.

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

26.1814, 0.4366, 0.4013

Protanopia

26.2203, 0.3903, 0.4230

Deuteranopia

26.3427, 0.4214, 0.4136



Tritanopia

26.0241, 0.3798, 0.3151

Trichromacy



Original Color

26.1814, 0.4366, 0.4013

Protanomaly

26.0800, 0.4063, 0.4145

Deuteranomaly

26.2544, 0.4279, 0.4091

Tritanomaly

26.1514, 0.4025, 0.3478

Monochromacy



Original Color

26.1814, 0.4366, 0.4013

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5575, 0.3568, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1814, 0.4366, 0.4013 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, 129, 77)` looks like.

```
.text, #text, p{  
    color:rgb(182, 129, 77)  
}
```

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, 129, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 129, 77) }
```

Border

The CSS property to change the border of an element to Yxy 26.1814, 0.4366, 0.4013 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, 129, 77) }
```

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

```
.border{ border-color:rgb(182, 129, 77) }
```

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

Here you see how a box with a 4 pixel rgb(182, 129, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 129, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 129, 77);  
box-shadow:4px 4px 4px 4px rgb(182, 129,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1814, 0.4366, 0.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 129, 77) }
```

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

```
.background{ background-color: rgb(182,  
129, 77) }
```

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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