

Converting Colors

$Y_{xy}(25.0942, 0.4878, 0.4509)$

Have a look what the booklet for
Yxy(25.0942, 0.4878, 0.4509)
contains.

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Color

Yxy(25.1121, 0.4884, 0.4504)

Conversions

Conversions Part 1

Format	Color
Hex	B87E00
RGB	184, 126, 0
RGB Percent	72%, 49%, 0%
CMY	0.2784, 0.5059, 0.9999
CMYK	0.00, 0.32, 1.00, 0.28
HSL	41°, 100%, 36%
HSV	41°, 100%, 72%
XYZ	27.2308, 25.1121, 3.4122
YIQ	128.9780, 75.0140, -26.8900

Conversions

Conversions Part 2

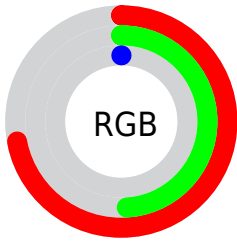
Format	Color
RYB	85, 184, 0
Decimal	12090880
CIELab	57.18, 14.17, 63.12
CIElCh	57, 64.695, 77.350
Yxy	25.1121, 0.4884, 0.4504
Android (android.graphics.Color)	4290280960 (0xFFB87E00)
YUV	128.9780, -63.5862, 48.2543
Hunter-Lab	50.1120, 9.3008, 31.0412

Details

The Yxy color **25.1121, 0.4884, 0.4504** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **6.4912, 0.1621, 0.1035**, and the grayscale version is **22.1540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6706, 0.4596, 0.4347**, and **9.6677, 0.5037, 0.4383** is the 20% darker color. If you saturate the color by 10%, you get **25.1118, 0.4884, 0.4504**, and if you desaturate by 10%, it is **26.6856, 0.4760, 0.4519**.

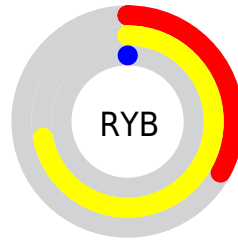
Distribution



Red (72%)

Green (49%)

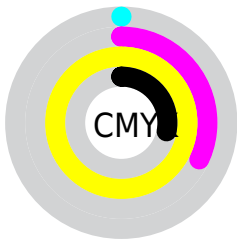
Blue (0%)



Red (33%)

Yellow (72%)

Blue (0%)

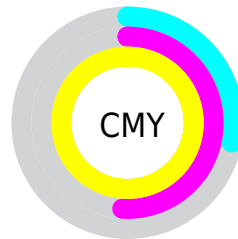


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (28%)



Cyan (28%)


Magenta (51%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1121, 0.4884, 0.4504 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 25.1121, 0.4884, 0.4504 by changing the saturation by 10% instead.


 25.1121, 0.4884,
0.4504


 25.1121, 0.4884,
0.4504


278.3957, 0.4009,
0.3973


 16.1606, 0.5059,
0.4571


 51.8390, 0.4589,
0.4351


 9.6379, 0.5305,
0.4662


 70.3832, 0.4469,
0.4280


 5.1595, 0.5422,
0.4578

 92.8938, 0.4365,
0.4214

 2.3412, 0.5579,
0.4421

 119.7551, 0.4274,
0.4155

 0.7954, 0.5868,
0.4132

 151.3516, 0.4195,
0.4102

 0.0000, 1.0000,
0.0000


 188.0676, 0.4125,


 0.0000, 0.0000,


0.4055


0.0000

 230.2875, 0.4064,
0.4012


 25.1121, 0.4884,
0.4504


 25.1121, 0.4884,
0.4504


 25.1118, 0.4884,
0.4504

 26.6856, 0.4760,
0.4519

 28.3877, 0.4610,
0.4492

 30.2368, 0.4433,
0.4416

 32.2420, 0.4238,
0.4300

 34.4111, 0.4035,
0.4153

■ 36.7512, 0.3832,
0.3987

■ 39.2688, 0.3636,
0.3811

■ 41.9697, 0.3452,
0.3632

■ 44.8596, 0.3282,
0.3457

Harmonies

Analogous

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



25.1121, 0.5265, 0.3749



25.1121, 0.4884, 0.4504



25.1121, 0.4072, 0.5177

Triad

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



25.1121, 0.4884, 0.4504



25.1121, 0.1563, 0.3162



25.1121, 0.2834, 0.1956

Complementary

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



25.1121, 0.4884, 0.4504



6.4912, 0.1621, 0.1035

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.



25.1121, 0.1981, 0.1744



25.1121, 0.4884, 0.4504



25.1121, 0.1363, 0.2247

Square

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



25.1121, 0.4884, 0.4504



25.1121, 0.2164, 0.4448



25.1121, 0.1504, 0.1817



25.1121, 0.3967, 0.2415

Rectangle

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



25.1121, 0.4884, 0.4504



25.1121, 0.3422, 0.5364



25.1121, 0.1504, 0.1817



25.1121, 0.2508, 0.1856

Sweetspot

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



25.1134, 0.4884, 0.4504



70.9311, 0.3646, 0.3820



10.5010, 0.5702, 0.2915



14.8727, 0.3727, 0.3894



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.



25.1134, 0.4884, 0.4504



45.0662, 0.4898, 0.4493



40.7979, 0.3873, 0.5307



10.0127, 0.3271, 0.3446



17.4351, 0.4873, 0.4512



0.7203, 0.4659, 0.4683

Inverse Universe

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



6.4912, 0.1621, 0.1035



11.3848, 0.1613, 0.1007



3.7976, 0.1585, 0.0647



9.1693, 0.2985, 0.3129



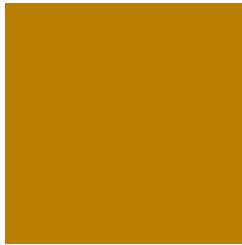
4.5857, 0.1627, 0.1056



0.2761, 0.1779, 0.1604

Previews

White Background



This preview shows how the Yxy color 25.1121, 0.4884, 0.4504 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 25.1121, 0.4884, 0.4504 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 25.1121, 0.4884, 0.4504

Background



This preview shows how black text looks on a background with the Yxy color 25.1121, 0.4884, 0.4504.



This preview shows how white text looks on a background with the Yxy color 25.1121, 0.4884, 0.4504.

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

25.1121, 0.4884, 0.4504

Protanopia

25.1721, 0.4372, 0.4854

Deuteranopia

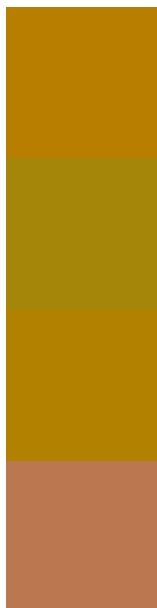
25.2313, 0.4707, 0.4644



Tritanopia

25.0478, 0.3934, 0.3167

Trichromacy



Original Color

25.1121, 0.4884, 0.4504

Protanomaly

25.1747, 0.4560, 0.4725

Deuteranomaly

25.1655, 0.4778, 0.4588

Tritanomaly

24.5769, 0.4474, 0.3837

Monochromacy



Original Color

25.1121, 0.4884, 0.4504

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.4371, 0.3916, 0.4061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1121, 0.4884, 0.4504 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(184, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 126, 0)  
}
```

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(184, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 126, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.1121, 0.4884, 0.4504 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(184, 126, 0) }
```

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

```
.border{ border-color:rgb(184, 126, 0) }
```

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

Here you see how a box with a 4 pixel rgb(184, 126, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 126,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1121, 0.4884, 0.4504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 126, 0) }
```

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

```
.background{ background-color: rgb(184,  
126, 0) }
```

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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