

Converting Colors

$Y_{xy}(25.7058, 0.4787, 0.4447)$

Have a look what the booklet for
Yxy(25.7058, 0.4787, 0.4447)
contains.

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Color

$\text{Yxy}(25.6989, 0.4787, 0.4447)$

Conversions

Conversions Part 1

Format	Color
Hex	B88019
RGB	184, 128, 25
RGB Percent	72%, 50%, 10%
CMY	0.2784, 0.4980, 0.9016
CMYK	0.00, 0.30, 0.86, 0.28
HSL	39°, 76%, 41%
HSV	39°, 86%, 72%
XYZ	27.6637, 25.6989, 4.4267
YIQ	133.0020, 66.4390, -20.1610

Conversions

Conversions Part 2

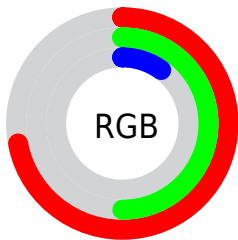
Format	Color
R_{YB}	111, 184, 25
Decimal	12091417
CIE _{Lab}	57.75, 13.47, 58.38
CIE _{LCh}	58, 59.918, 77.011
Yxy	25.6989, 0.4787, 0.4447
Android (android.graphics.Color)	4290281497 (0xFFB88019)
YUV	133.0020, -53.2450, 44.7252
Hunter-Lab	50.6941, 8.6927, 30.3086

Details

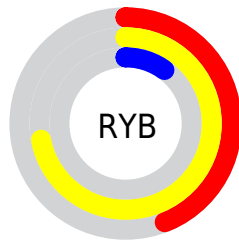
The Yxy color **25.6989, 0.4787, 0.4447** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.5672, 0.1762, 0.1404**, and the grayscale version is **23.6399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8749, 0.4488, 0.4289**, and **10.0276, 0.5008, 0.4405** is the 20% darker color. If you saturate the color by 10%, you get **24.0063, 0.4934, 0.4435**, and if you desaturate by 10%, it is **27.5538, 0.4610, 0.4409**.

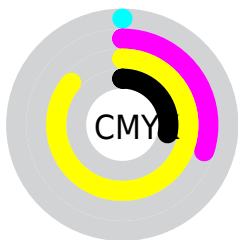
Distribution



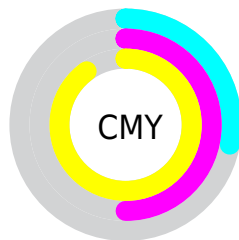
- Red (72%)
- Green (50%)
- Blue (10%)



- Red (44%)
- Yellow (72%)
- Blue (10%)



- Cyan (0%)
- Magenta (30%)
- Yellow (86%)
- Black (28%)





- Cyan (28%)
- Magenta (50%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6989, 0.4787, 0.4447 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 25.6989, 0.4787, 0.4447 by changing the saturation by 10% instead.


 25.6989, 0.4787,
0.4447


 25.6989, 0.4787,
0.4447


281.3009, 0.3946,
0.3923


 16.5985, 0.4966,
0.4526


 52.7888, 0.4496,
0.4287

 9.9487, 0.5182,
0.4602


 71.5471, 0.4381,
0.4216

 5.3649, 0.5390,
0.4610

 94.2935, 0.4281,
0.4153

 2.4629, 0.5535,
0.4465

 121.4124, 0.4195,
0.4096

 0.8580, 0.5794,
0.4206

 153.2882, 0.4120,
0.4045

 0.0000, 1.0000,
0.0000

 190.3053, 0.4055,

 0.0000, 0.0000,

0.4000

0.0000

232.8480, 0.3997,
0.3959

25.6989, 0.4787,
0.4447

25.6989, 0.4787,
0.4447

24.0063, 0.4934,
0.4435

27.5538, 0.4610,
0.4409

23.4229, 0.4984,
0.4425

29.5786, 0.4409,
0.4325

31.7837, 0.4196,
0.4203

34.1771, 0.3981,
0.4055

36.7664, 0.3771,
0.3892

■ 39.5581, 0.3574,
0.3722

■ 42.5586, 0.3391,
0.3553

■ 45.7740, 0.3224,
0.3390

■ 49.2098, 0.3075,
0.3235

Harmonies

Analogous

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



25.6989, 0.5112, 0.3742



25.6989, 0.4787, 0.4447



25.6989, 0.4044, 0.5045

Triad

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



25.6989, 0.4787, 0.4447



25.6989, 0.1674, 0.3197



25.6989, 0.2851, 0.2036

Complementary

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



25.6989, 0.4787, 0.4447



9.5672, 0.1762, 0.1404

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.



25.6989, 0.2052, 0.1838



25.6989, 0.4787, 0.4447



25.6989, 0.1471, 0.2338

Square

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



25.6989, 0.4787, 0.4447



25.6989, 0.2253, 0.4357



25.6989, 0.1600, 0.1917



25.6989, 0.3893, 0.2470

Rectangle

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



25.6989, 0.4787, 0.4447



25.6989, 0.3438, 0.5191



25.6989, 0.1600, 0.1917



25.6989, 0.2548, 0.1942

Sweetspot

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



25.7002, 0.4787, 0.4447



71.6687, 0.3575, 0.3723



11.5201, 0.5098, 0.2707



15.0669, 0.3641, 0.3782



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.



25.7002, 0.4787, 0.4447



41.9910, 0.5000, 0.4412



42.1213, 0.3956, 0.5146



9.9562, 0.3272, 0.3438



16.2785, 0.4972, 0.4434



0.6856, 0.4724, 0.4631

Inverse Universe

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



9.5672, 0.1762, 0.1404



12.6878, 0.1639, 0.1101



4.7472, 0.1673, 0.0783



9.2234, 0.2985, 0.3138



5.1002, 0.1653, 0.1152



0.2987, 0.1805, 0.1698

Previews

White Background



This preview shows how the Yxy color 25.6989, 0.4787, 0.4447 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 25.6989, 0.4787, 0.4447 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 25.6989, 0.4787, 0.4447

Background



This preview shows how black text looks on a background with the Yxy color 25.6989, 0.4787, 0.4447.



This preview shows how white text looks on a background with the Yxy color 25.6989, 0.4787, 0.4447.

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

25.6989, 0.4787, 0.4447

Protanopia

25.7172, 0.4332, 0.4772

Deuteranopia

25.7906, 0.4660, 0.4569



Tritanopia

25.6993, 0.3910, 0.3167

Trichromacy



Original Color

25.6989, 0.4787, 0.4447

Protanomaly

25.6226, 0.4501, 0.4651

Deuteranomaly

25.8782, 0.4702, 0.4530

Tritanomaly

25.3658, 0.4339, 0.3720

Monochromacy



Original Color

25.6989, 0.4787, 0.4447

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.7162, 0.3800, 0.3904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6989, 0.4787, 0.4447 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, 128, 25)` looks like.

```
.text, #text, p{  
    color:rgb(184, 128, 25)  
}
```

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, 128, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 128, 25) }
```

Border

The CSS property to change the border of an element to Yxy 25.6989, 0.4787, 0.4447 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, 128, 25) }
```

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

```
.border{ border-color:rgb(184, 128, 25) }
```

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

Here you see how a box with a 4 pixel rgb(184, 128, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 128, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 128, 25);  
box-shadow:4px 4px 4px 4px rgb(184, 128,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6989, 0.4787, 0.4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 128, 25) }
```

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

```
.background{ background-color: rgb(184,  
128, 25) }
```

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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