

Converting Colors

$Y_{xy}(30.0458, 0.4625, 0.4631)$

Have a look what the booklet for
Yxy(30.0458, 0.4625, 0.4631)
contains.

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Color

Yxy(30.0062, 0.4623, 0.4632)

Conversions

Conversions Part 1

Format	Color
Hex	B98F13
RGB	185, 143, 19
RGB Percent	73%, 56%, 7%
CMY	0.2745, 0.4392, 0.9258
CMYK	0.00, 0.23, 0.90, 0.27
HSL	45°, 81%, 40%
HSV	45°, 90%, 73%
XYZ	29.9479, 30.0062, 4.8261
YIQ	141.4220, 64.8360, -29.6600

Conversions

Conversions Part 2

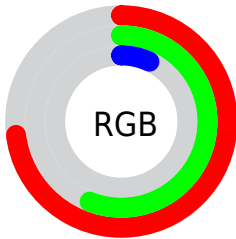
Format	Color
RYB	75, 185, 19
Decimal	12160787
CIELab	61.66, 5.50, 63.12
CIELCh	62, 63.355, 85.024
Yxy	30.0062, 0.4623, 0.4632
Android (android.graphics.Color)	4290350867 (0xFFB98F13)
YUV	141.4220, -60.3540, 38.2179
Hunter-Lab	54.7779, 1.7272, 33.1209

Details

The Yxy color **30.0062, 0.4623, 0.4632** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **6.9711, 0.1661, 0.1083**, and the grayscale version is **27.0315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4568, 0.4387, 0.4436**, and **12.3407, 0.4740, 0.4618** is the 20% darker color. If you saturate the color by 10%, you get **28.5861, 0.4722, 0.4631**, and if you desaturate by 10%, it is **31.5315, 0.4499, 0.4592**.

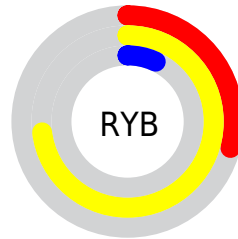
Distribution



Red (73%)

Green (56%)

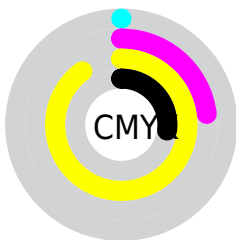
Blue (7%)



Red (29%)

Yellow (73%)

Blue (7%)

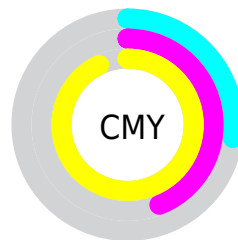


Cyan (0%)

Magenta (23%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (44%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0062, 0.4623, 0.4632 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 30.0062, 0.4623, 0.4632 by changing the saturation by 10% instead.

 30.0062, 0.4623,
0.4632


 30.0062, 0.4623,
0.4632


301.9334, 0.3901,
0.4012


 19.8433, 0.4763,
0.4738


 59.6720, 0.4384,
0.4436

 12.2812, 0.4916,
0.4844


 79.9436, 0.4285,
0.4352


 6.9355, 0.5071,
0.4929


 104.3537, 0.4200,
0.4278

 3.4218, 0.5123,
0.4877

 133.2865, 0.4124,
0.4212

 1.3557, 0.5211,
0.4789

 167.1265, 0.4058,
0.4153

 0.1837, 0.6270,
0.3730

 206.2580, 0.4000,

 0.0000, 0.0000,

0.4101

0.0000

251.0655, 0.3948,
0.4054

30.0062, 0.4623,
0.4632

30.0062, 0.4623,
0.4632

28.5861, 0.4722,
0.4631

31.5315, 0.4499,
0.4592

28.5537, 0.4724,
0.4631

33.1737, 0.4347,
0.4505

34.9427, 0.4175,
0.4378

36.8458, 0.3992,
0.4220

38.8895, 0.3804,
0.4041

■ 41.0797, 0.3619,
0.3851

■ 43.4217, 0.3442,
0.3658

■ 45.9207, 0.3277,
0.3468

■ 48.5814, 0.3124,
0.3286

Harmonies

Analogous

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



30.0062, 0.5088, 0.3930



30.0062, 0.4623, 0.4632



30.0062, 0.3809, 0.5147

Triad

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



30.0062, 0.4623, 0.4632



30.0062, 0.1579, 0.2922



30.0062, 0.3115, 0.2127

Complementary

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



30.0062, 0.4623, 0.4632



6.9711, 0.1661, 0.1083

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.



30.0062, 0.2229, 0.1861



30.0062, 0.4623, 0.4632



30.0062, 0.1469, 0.2182

Square

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



30.0062, 0.4623, 0.4632



30.0062, 0.2058, 0.4052



30.0062, 0.1683, 0.1861



30.0062, 0.4173, 0.2615

Rectangle

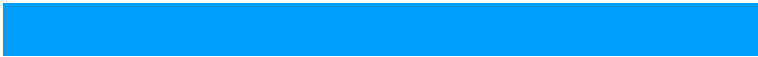
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.0062, 0.4623, 0.4632



30.0062, 0.3186, 0.5158



30.0062, 0.1683, 0.1861



30.0062, 0.2786, 0.2011

Sweetspot

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



30.0077, 0.4623, 0.4632



74.5203, 0.3577, 0.3806



11.1396, 0.5556, 0.2927



15.7683, 0.3638, 0.3871



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.



30.0077, 0.4623, 0.4632



50.7446, 0.4734, 0.4623



40.8807, 0.3804, 0.5295



10.1083, 0.3270, 0.3460



19.5625, 0.4716, 0.4638



0.7823, 0.4554, 0.4766

Inverse Universe

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



6.9711, 0.1661, 0.1083



9.5706, 0.1575, 0.0870



4.8565, 0.1733, 0.0785



9.0788, 0.2985, 0.3114



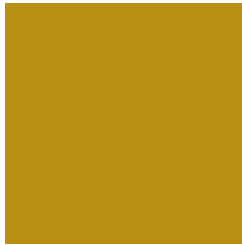
3.8585, 0.1587, 0.0914



0.2381, 0.1732, 0.1436

Previews

White Background



This preview shows how the Yxy color 30.0062, 0.4623, 0.4632 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 30.0062, 0.4623, 0.4632 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 ✓ Pass

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

Yxy 30.0062, 0.4623, 0.4632

Background



This preview shows how black text looks on a background with the Yxy color 30.0062, 0.4623, 0.4632.



This preview shows how white text looks on a background with the Yxy color 30.0062, 0.4623, 0.4632.

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

30.0062, 0.4623, 0.4632

Protanopia

30.1917, 0.4351, 0.4832

Deuteranopia

29.7916, 0.4676, 0.4584



Tritanopia

29.9647, 0.3694, 0.3155

Trichromacy



Original Color

30.0062, 0.4623, 0.4632

Protanomaly

29.9166, 0.4455, 0.4757

Deuteranomaly

29.9613, 0.4653, 0.4602

Tritanomaly

29.5920, 0.4157, 0.3828

Monochromacy



Original Color

30.0062, 0.4623, 0.4632

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.3772, 0.3765, 0.4005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0062, 0.4623, 0.4632 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(185, 143, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 143, 19)  
}
```

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(185, 143, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 143, 19) }
```

Border

The CSS property to change the border of an element to Yxy 30.0062, 0.4623, 0.4632 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(185, 143, 19) }
```

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

```
.border{ border-color:rgb(185, 143, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 143, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 143, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 143, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 143,  
19) }
```


Background

The CSS property to change the background color of an element to `rgb(30.0062, 0.4623, 0.4632)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 143, 19) }
```

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

```
.background{ background-color: rgb(185,  
143, 19) }
```

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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