

Converting Colors

$Y_{xy}(17.8126, 0.5330, 0.4021)$

Have a look what the booklet for
Yxy(17.8126, 0.5330, 0.4021)
contains.

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Color

Yxy(17.8951, 0.5333, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	B85C14
RGB	184, 92, 20
RGB Percent	72%, 36%, 8%
CMY	0.2784, 0.6392, 0.9216
CMYK	0.00, 0.50, 0.89, 0.28
HSL	26°, 80%, 40%
HSV	26°, 89%, 72%
XYZ	23.7222, 17.8951, 2.8646
YIQ	111.3000, 77.9440, -2.8880

Conversions

Conversions Part 2

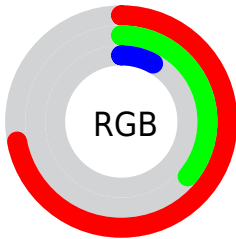
Format	Color
RYB	184, 148, 20
Decimal	12082196
CIELab	49.37, 33.04, 53.22
CIELCh	49, 62.645, 58.164
Yxy	17.8951, 0.5333, 0.4023
Android (android.graphics.Color)	4290272276 (0xFFB85C14)
YUV	111.3000, -45.0109, 63.7579
Hunter-Lab	42.3026, 26.0688, 25.5968

Details

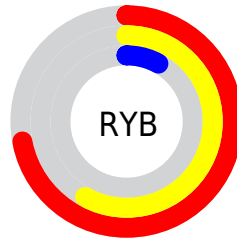
The Yxy color **17.8951, 0.5333, 0.4023** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.1964, 0.1903, 0.1962**, and the grayscale version is **16.1044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0072, 0.4894, 0.3984**, and **6.0128, 0.5784, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **16.1810, 0.5565, 0.3954**, and if you desaturate by 10%, it is **19.8999, 0.5062, 0.4044**.

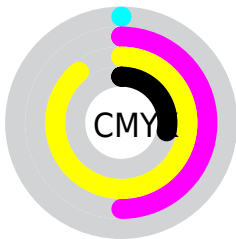
Distribution



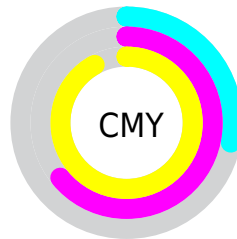
- Red (72%)
- Green (36%)
- Blue (8%)



- Red (72%)
- Yellow (58%)
- Blue (8%)



- Cyan (0%)
- Magenta (50%)
- Yellow (89%)
- Black (28%)





- Cyan (28%)
- Magenta (64%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8951, 0.5333, 0.4023 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 17.8951, 0.5333, 0.4023 by changing the saturation by 10% instead.


 17.8951, 0.5333,
0.4023


 17.8951, 0.5333,
0.4023


240.2791, 0.4131,
0.3762


 10.8747, 0.5617,
0.4005


 39.8585, 0.4894,
0.3978


 5.9826, 0.6029,
0.3971

 55.5703, 0.4727,
0.3944

 2.8345, 0.6313,
0.3687

 74.9480, 0.4587,
0.3909

 1.0460, 0.6773,
0.3227

 98.3760, 0.4467,
0.3875

 0.0000, 1.0000,
0.0000


 126.2387, 0.4365,
0.3843


 0.0000, 0.0000,
0.0000


 158.9206, 0.4276,


0.3814

 196.8059, 0.4199,
0.3786


 17.8951, 0.5333,
0.4023

 17.8951, 0.5333,
0.4023

 16.1810, 0.5565,
0.3954


 19.8999, 0.5062,
0.4044

 16.0452, 0.5584,
0.3948

 22.2155, 0.4766,
0.4015

 24.8592, 0.4465,
0.3947

 27.8460, 0.4176,
0.3850

 31.1893, 0.3909,
0.3739

■ 34.9020, 0.3669,
0.3621

■ 38.9961, 0.3458,
0.3503

■ 43.4832, 0.3274,
0.3389

■ 48.3740, 0.3114,
0.3281

Harmonies

Analogous

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



17.8951, 0.5309, 0.3265



17.8951, 0.5333, 0.4023



17.8951, 0.4698, 0.4839

Triad

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



17.8951, 0.5333, 0.4023



17.8951, 0.1804, 0.4034



17.8951, 0.2179, 0.1699

Complementary

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



17.8951, 0.5333, 0.4023



15.1964, 0.1903, 0.1962

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.



17.8951, 0.1543, 0.1659



17.8951, 0.5333, 0.4023



17.8951, 0.1341, 0.2714

Square

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



17.8951, 0.5333, 0.4023



17.8951, 0.2681, 0.5286



17.8951, 0.1275, 0.1950



17.8951, 0.3225, 0.2019

Rectangle

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



17.8951, 0.5333, 0.4023



17.8951, 0.4074, 0.5317



17.8951, 0.1275, 0.1950



17.8951, 0.1922, 0.1654

Sweetspot

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



17.8961, 0.5333, 0.4023



64.4664, 0.3631, 0.3600



11.8819, 0.4460, 0.2304



13.3824, 0.3708, 0.3641



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.



17.8961, 0.5333, 0.4023



28.6251, 0.5611, 0.3926



40.1577, 0.4272, 0.4922



9.6436, 0.3277, 0.3391



11.1931, 0.5564, 0.3964



0.5182, 0.5124, 0.4314

Inverse Universe

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



15.1964, 0.1903, 0.1962



23.4508, 0.1823, 0.1761



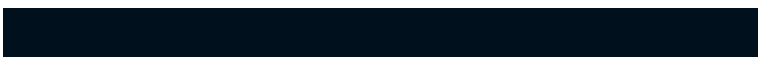
4.5853, 0.1578, 0.0767



9.5326, 0.2985, 0.3187



9.2429, 0.1835, 0.1806



0.4468, 0.1952, 0.2228

Previews

White Background



This preview shows how the Yxy color 17.8951, 0.5333, 0.4023 looks on a white 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

Black Background



This preview shows how the Yxy color 17.8951, 0.5333, 0.4023 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 17.8951, 0.5333, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 17.8951, 0.5333, 0.4023.



This preview shows how white text looks on a background with the Yxy color 17.8951, 0.5333, 0.4023.

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

17.8951, 0.5333, 0.4023

Protanopia

18.0225, 0.4300, 0.4740

Deuteranopia

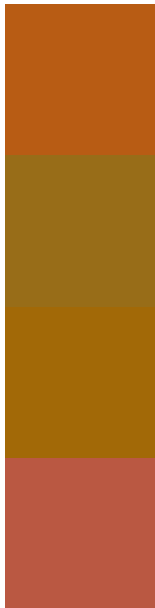
17.9779, 0.4703, 0.4648



Tritanopia

17.9931, 0.4600, 0.3214

Trichromacy



Original Color

17.8951, 0.5333, 0.4023

Protanomaly

17.6786, 0.4697, 0.4469

Deuteranomaly

17.7999, 0.4951, 0.4409

Tritanomaly

17.8119, 0.4962, 0.3575

Monochromacy



Original Color

17.8951, 0.5333, 0.4023

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.8540, 0.3998, 0.3771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8951, 0.5333, 0.4023 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, 92, 20)` looks like.

```
.text, #text, p{  
    color:rgb(184, 92, 20)  
}
```

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, 92, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 92, 20) }
```

Border

The CSS property to change the border of an element to Yxy 17.8951, 0.5333, 0.4023 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, 92, 20) }
```

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

```
.border{ border-color:rgb(184, 92, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 92, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 92, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 92, 20);  
box-shadow:4px 4px 4px 4px rgb(184, 92,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8951, 0.5333, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 92, 20) }
```

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

```
.background{ background-color: rgb(184, 92,  
20) }
```

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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