

Converting Colors

$Yxy(14.9397, 0.5780, 0.3665)$

Have a look what the booklet for
Yxy(14.9397, 0.5780, 0.3665)
contains.

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Color

Yxy(14.9040, 0.5779, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	BF4113
RGB	191, 65, 19
RGB Percent	75%, 25%, 7%
CMY	0.2510, 0.7451, 0.9253
CMYK	0.00, 0.66, 0.90, 0.25
HSL	16°, 82%, 41%
HSV	16°, 90%, 75%
XYZ	23.4943, 14.9040, 2.2563
YIQ	97.4300, 89.8620, 12.4060

Conversions

Conversions Part 2

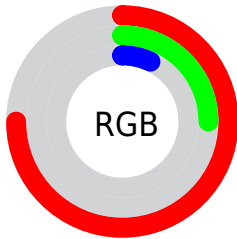
Format	Color
R_{YB}	191, 82, 19
Decimal	12534035
CIE _{Lab}	45.50, 48.70, 51.10
CIE _{LCh}	46, 70.591, 46.381
Yxy	14.9040, 0.5779, 0.3666
Android (android.graphics.Color)	4290724115 (0xFFBF4113)
YUV	97.4300, -38.6660, 82.0609
Hunter-Lab	38.6057, 41.0701, 23.5587

Details

The Yxy color **14.9040, 0.5779, 0.3666** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **24.1627, 0.2044, 0.2494**, and the grayscale version is **12.1480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6942, 0.5219, 0.3730**, and **4.6671, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.4489, 0.6042, 0.3584**, and if you desaturate by 10%, it is **16.8093, 0.5446, 0.3716**.

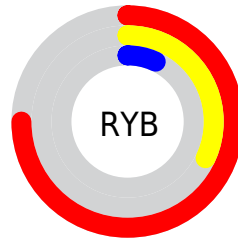
Distribution



Red (75%)

Green (25%)

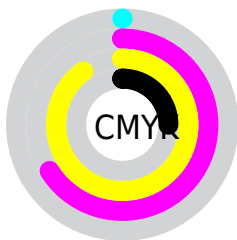
Blue (7%)



Red (75%)

Yellow (32%)

Blue (7%)

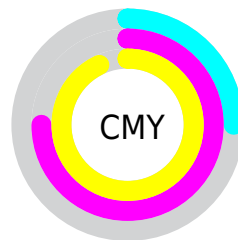


Cyan (0%)

Magenta (66%)

Yellow (90%)

Black (25%)



Cyan (25%)


Magenta (75%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9040, 0.5779, 0.3666 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 14.9040, 0.5779, 0.3666 by changing the saturation by 10% instead.


 14.9040, 0.5779,
0.3666


 14.9040, 0.5779,
0.3666


222.7844, 0.4295,
0.3642


 8.7520, 0.6146,
0.3566


 34.6847, 0.5228,
0.3726


 4.5798, 0.6618,
0.3382

 49.0822, 0.5021,
0.3725


 2.0029, 0.7045,
0.2955

 66.9970, 0.4848,
0.3716

 0.6092, 0.7791,
0.2209

 88.8135, 0.4701,
0.3703

 0.0000, 1.0000,
0.0000


 114.9161, 0.4577,
0.3688


 0.0000, 0.0000,
0.0000


 145.6892, 0.4469,

0.3672


 181.5172, 0.4376,
0.3657


 14.9040, 0.5779,
0.3666


 14.9040, 0.5779,
0.3666


 13.4489, 0.6042,
0.3584

 16.8093, 0.5446,
0.3716

 19.2021, 0.5069,
0.3723

 22.1163, 0.4687,
0.3694

 25.5817, 0.4328,
0.3641

 29.6259, 0.4007,
0.3574

■ 34.2744, 0.3729,
0.3501

■ 39.5511, 0.3493,
0.3428

■ 45.4788, 0.3294,
0.3357

■ 52.0789, 0.3128,
0.3290

Harmonies

Analogous

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



14.9040, 0.5429, 0.2887



14.9040, 0.5779, 0.3666



14.9040, 0.5216, 0.4573

Triad

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



14.9040, 0.5779, 0.3666



14.9040, 0.1897, 0.4902



14.9040, 0.1694, 0.1434

Complementary

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



14.9040, 0.5779, 0.3666



24.1627, 0.2044, 0.2494

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.



14.9040, 0.1177, 0.1504



14.9040, 0.5779, 0.3666



14.9040, 0.1219, 0.3109

Square

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



14.9040, 0.5779, 0.3666



14.9040, 0.2990, 0.5980



14.9040, 0.1022, 0.1976



14.9040, 0.2690, 0.1668

Rectangle

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



14.9040, 0.5779, 0.3666



14.9040, 0.4553, 0.5243



14.9040, 0.1022, 0.1976



14.9040, 0.1475, 0.1422

Sweetspot

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



14.9049, 0.5779, 0.3666



63.7351, 0.3664, 0.3482



13.5925, 0.3919, 0.1985



13.3142, 0.3751, 0.3507



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.9049, 0.5779, 0.3666



23.7478, 0.6068, 0.3564



33.2174, 0.4587, 0.4667



9.9401, 0.3282, 0.3352



8.9536, 0.6019, 0.3603



0.4627, 0.5533, 0.3989

Inverse Universe

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



24.1627, 0.2044, 0.2494



39.8803, 0.1995, 0.2381



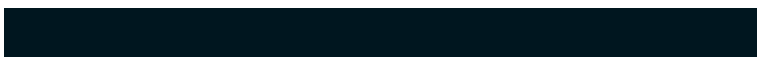
7.0454, 0.1645, 0.1031



10.3663, 0.2985, 0.3227



14.9262, 0.2003, 0.2409



0.6869, 0.2068, 0.2645

Previews

White Background



This preview shows how the Yxy color 14.9040, 0.5779, 0.3666 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 14.9040, 0.5779, 0.3666 looks on a black 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

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

Yxy 14.9040, 0.5779, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 14.9040, 0.5779, 0.3666.



This preview shows how white text looks on a background with the Yxy color 14.9040, 0.5779, 0.3666.

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

14.9040, 0.5779, 0.3666

Protanopia

15.1686, 0.4247, 0.4692

Deuteranopia

15.0189, 0.4698, 0.4652



Tritanopia

14.9141, 0.5325, 0.3264

Trichromacy



Original Color

14.9040, 0.5779, 0.3666

Protanomaly

14.1063, 0.4876, 0.4263

Deuteranomaly

14.3282, 0.5169, 0.4228

Tritanomaly

14.8651, 0.5546, 0.3436

Monochromacy



Original Color

14.9040, 0.5779, 0.3666

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.7520, 0.4196, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9040, 0.5779, 0.3666 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(191, 65, 19)` looks like.

```
.text, #text, p{  
    color:rgb(191, 65, 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(191, 65, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 65, 19) }
```

Border

The CSS property to change the border of an element to Yxy 14.9040, 0.5779, 0.3666 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(191, 65, 19) }
```

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

```
.border{ border-color:rgb(191, 65, 19) }
```

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

Here you see how a box with a 4 pixel rgb(191, 65, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 65, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 65, 19);  
box-shadow:4px 4px 4px 4px rgb(191, 65,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9040, 0.5779, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 65, 19) }
```

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

```
.background{ background-color: rgb(191, 65,  
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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