

Converting Colors

$Yxy(14.7848, 0.6192, 0.3466)$

Have a look what the booklet for
Yxy(14.7848, 0.6192, 0.3466)
contains.

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Color

Yxy(14.8513, 0.6191, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	CF2900
RGB	207, 41, 0
RGB Percent	81%, 16%, 0%
CMY	0.1882, 0.8392, 0.9998
CMYK	0.00, 0.80, 1.00, 0.19
HSL	12°, 100%, 41%
HSV	12°, 100%, 81%
XYZ	26.5275, 14.8513, 1.4697
YIQ	85.9600, 112.0970, 22.4410

Conversions

Conversions Part 2

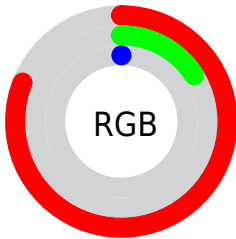
Format	Color
R_{YB}	207, 51, 0
Decimal	13576448
CIE _{Lab}	45.43, 61.97, 58.29
CIE _{LCh}	45, 85.080, 43.248
Yxy	14.8513, 0.6191, 0.3466
Android (android.graphics.Color)	4291766528 (0xFFCF2900)
YUV	85.9600, -42.3783, 106.1521
Hunter-Lab	38.5374, 55.4315, 24.7150

Details

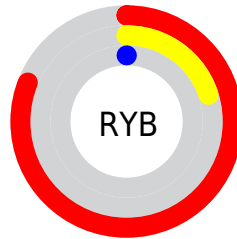
The Yxy color **14.8513, 0.6191, 0.3466** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **31.8018, 0.2066, 0.2637**, and the grayscale version is **9.3714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.0386, 0.5501, 0.3657**, and **5.8396, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.8496, 0.6191, 0.3466**, and if you desaturate by 10%, it is **16.3057, 0.5939, 0.3539**.

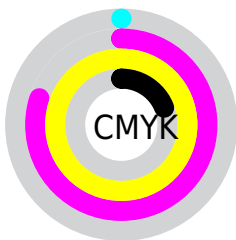
Distribution



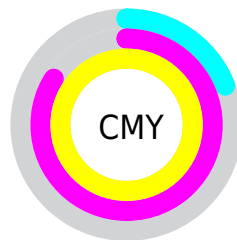
- Red (81%)
- Green (16%)
- Blue (0%)



- Red (81%)
- Yellow (20%)
- Blue (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (100%)
- Black (19%)





- Cyan (19%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8513, 0.6191, 0.3466 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 14.8513, 0.6191, 0.3466 by changing the saturation by 10% instead.


 14.8513, 0.6191,
0.3466


 14.8513, 0.6191,
0.3466


 222.4644, 0.4524,
0.3626


 8.7151, 0.6607,
0.3318


 34.5921, 0.5597,
0.3616


 4.5558, 0.6991,
0.3009

 48.9655, 0.5365,
0.3642


 1.9891, 0.7464,
0.2536

 66.8534, 0.5168,
0.3653

 0.6011, 0.8230,
0.1770

 88.6402, 0.5000,
0.3655


 0.0000, 1.0000,
0.0000


 114.7103, 0.4855,
0.3651


 0.0000, 0.0000,
0.0000


 145.4481, 0.4730,

0.3644

 181.2380, 0.4620,
0.3636


 14.8513, 0.6191,
0.3466


 14.8513, 0.6191,
0.3466

 14.8496, 0.6191,
0.3466

 16.3057, 0.5939,
0.3539

 18.3547, 0.5594,
0.3590

 21.0657, 0.5190,
0.3604

 24.4909, 0.4776,
0.3589

 28.6773, 0.4387,
0.3552

■ 33.6677, 0.4042,
0.3502

■ 39.5017, 0.3748,
0.3448

■ 46.2161, 0.3501,
0.3393

■ 53.8456, 0.3296,
0.3340

Harmonies

Analogous

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



14.8513, 0.5747, 0.2673



14.8513, 0.6191, 0.3466



14.8513, 0.5535, 0.4465

Triad

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



14.8513, 0.6191, 0.3466



14.8513, 0.1743, 0.5526



14.8513, 0.1411, 0.1199

Complementary

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



14.8513, 0.6191, 0.3466



31.8018, 0.2066, 0.2637

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.



14.8513, 0.0917, 0.1292



14.8513, 0.6191, 0.3466



14.8513, 0.0990, 0.3209

Square

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



14.8513, 0.6191, 0.3466



14.8513, 0.2949, 0.6542



14.8513, 0.0779, 0.1823



14.8513, 0.2444, 0.1416

Rectangle

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



14.8513, 0.6191, 0.3466



14.8513, 0.4735, 0.5265



14.8513, 0.0779, 0.1823



14.8513, 0.1198, 0.1194

Sweetspot

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



14.8522, 0.6191, 0.3466



62.9156, 0.3758, 0.3450



16.1349, 0.3740, 0.1834



12.5813, 0.3879, 0.3473



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



14.8522, 0.6191, 0.3466



23.5798, 0.6208, 0.3453



32.4560, 0.4894, 0.4496



12.1815, 0.3286, 0.3337



9.4620, 0.6170, 0.3483



0.6425, 0.5819, 0.3761

Inverse Universe

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



31.8018, 0.2066, 0.2637



50.6683, 0.2064, 0.2629



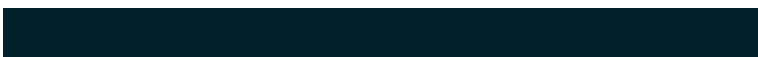
8.3539, 0.1618, 0.1025



12.9931, 0.2983, 0.3243



20.1674, 0.2069, 0.2647



1.2314, 0.2105, 0.2778

Previews

White Background



This preview shows how the Yxy color 14.8513, 0.6191, 0.3466 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

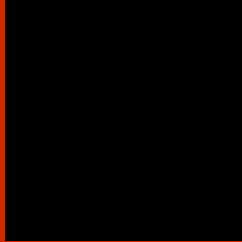
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8513, 0.6191, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 14.8513, 0.6191, 0.3466.



This preview shows how white text looks on a background with the Yxy color 14.8513, 0.6191, 0.3466.

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

14.8513, 0.6191, 0.3466

Protanopia

15.1450, 0.4280, 0.4742

Deuteranopia

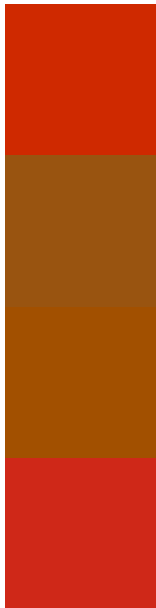
15.0189, 0.4698, 0.4652



Tritanopia

14.8564, 0.5964, 0.3305

Trichromacy



Original Color

14.8513, 0.6191, 0.3466

Protanomaly

13.1504, 0.5171, 0.4146

Deuteranomaly

13.4187, 0.5411, 0.4086

Tritanomaly

14.8489, 0.6082, 0.3388

Monochromacy



Original Color

14.8513, 0.6191, 0.3466

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.4020, 0.4599, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8513, 0.6191, 0.3466 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(207, 41, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 41, 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(207, 41, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 41, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.8513, 0.6191, 0.3466 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(207, 41, 0) }
```

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

```
.border{ border-color:rgb(207, 41, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 41, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 41, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 41, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 41, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8513, 0.6191, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 41, 0) }
```

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

```
.background{ background-color: rgb(207, 41,  
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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