

Converting Colors

$Y_{xy}(14.9182, 0.6171, 0.3456)$

Have a look what the booklet for
Yxy(14.9182, 0.6171, 0.3456)
contains.

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Color

Yxy(14.8622, 0.6171, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	CF2905
RGB	207, 41, 5
RGB Percent	81%, 16%, 2%
CMY	0.1882, 0.8392, 0.9803
CMYK	0.00, 0.80, 0.98, 0.19
HSL	11°, 95%, 42%
HSV	11°, 98%, 81%
XYZ	26.5532, 14.8622, 1.6136
YIQ	86.5300, 110.4920, 23.9960

Conversions

Conversions Part 2

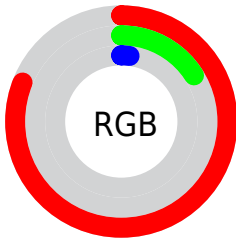
Format	Color
R_{YB}	207, 49, 5
Decimal	13576453
CIE Lab	45.44, 62.01, 56.81
CIE LCh	45, 84.103, 42.495
Yxy	14.8622, 0.6171, 0.3454
Android (android.graphics.Color)	4291766533 (0xFFCF2905)
YUV	86.5300, -40.1943, 105.6522
Hunter-Lab	38.5515, 55.4804, 24.5045

Details

The Yxy color **14.8622, 0.6171, 0.3454** 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 **33.6728, 0.2093, 0.2721**, and the grayscale version is **9.4965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.0785, 0.5470, 0.3634**, and **5.8396, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.5810, 0.6225, 0.3439**, and if you desaturate by 10%, it is **16.3673, 0.5902, 0.3522**.

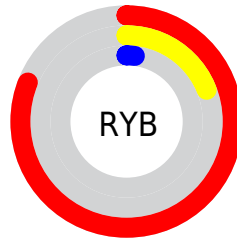
Distribution



Red (81%)

Green (16%)

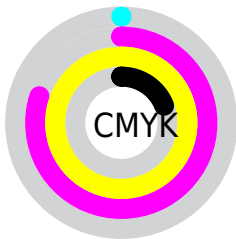
Blue (2%)



Red (81%)

Yellow (19%)

Blue (2%)

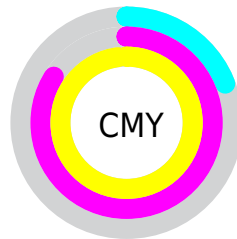


Cyan (0%)

Magenta (80%)

Yellow (98%)

Black (19%)



Cyan (19%)


Magenta (84%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 14.8622, 0.6171, 0.3454 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 14.8622, 0.6171, 0.3454 by changing the saturation by 10% instead.


 14.8622, 0.6171,
0.3454


 14.8622, 0.6171,
0.3454


 222.5306, 0.4506,
0.3611


 8.7227, 0.6582,
0.3305


 34.6113, 0.5573,
0.3599


 4.5608, 0.6991,
0.3009

 48.9896, 0.5341,
0.3625


 1.9919, 0.7464,
0.2536

 66.8831, 0.5145,
0.3636

 0.6028, 0.8229,
0.1771

 88.6761, 0.4978,
0.3638


 0.0000, 1.0000,
0.0000


 114.7529, 0.4834,
0.3635


 0.0000, 0.0000,
0.0000


 145.4980, 0.4710,

0.3628


 181.2958, 0.4601,
0.3620


 14.8622, 0.6171,
0.3454


 14.8622, 0.6171,
0.3454


 14.5810, 0.6225,
0.3439

 16.3673, 0.5902,
0.3522

 18.5030, 0.5536,
0.3562

 21.3348, 0.5118,
0.3571

 24.9174, 0.4699,
0.3552

 29.2999, 0.4312,
0.3516

■ 34.5273, 0.3974,
0.3470

■ 40.6410, 0.3688,
0.3420

■ 47.6800, 0.3449,
0.3371

■ 55.6805, 0.3253,
0.3324

Harmonies

Analogous

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



14.8622, 0.5690, 0.2663



14.8622, 0.6171, 0.3454



14.8622, 0.5555, 0.4445

Triad

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



14.8622, 0.6171, 0.3454



14.8622, 0.1787, 0.5548



14.8622, 0.1406, 0.1212

Complementary

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



14.8622, 0.6171, 0.3454



33.6728, 0.2093, 0.2721

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.



14.8622, 0.0924, 0.1314



14.8622, 0.6171, 0.3454



14.8622, 0.1019, 0.3264

Square

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



14.8622, 0.6171, 0.3454



14.8622, 0.2995, 0.6501



14.8622, 0.0794, 0.1860



14.8622, 0.2418, 0.1420

Rectangle

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



14.8622, 0.6171, 0.3454



14.8622, 0.4769, 0.5231



14.8622, 0.0794, 0.1860



14.8622, 0.1198, 0.1209

Sweetspot

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



14.8631, 0.6171, 0.3454



63.2810, 0.3735, 0.3429



16.4052, 0.3671, 0.1805



12.6252, 0.3857, 0.3451



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.



14.8631, 0.6171, 0.3454



23.1692, 0.6241, 0.3427



31.9390, 0.4909, 0.4468



12.1439, 0.3286, 0.3332



9.2853, 0.6205, 0.3455



0.6251, 0.5868, 0.3723

Inverse Universe

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



33.6728, 0.2093, 0.2721



53.1045, 0.2083, 0.2698



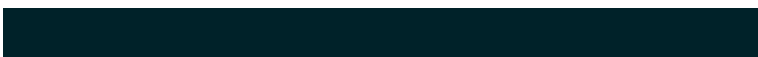
9.2182, 0.1647, 0.1111



13.0339, 0.2983, 0.3248



21.1075, 0.2088, 0.2715



1.2762, 0.2120, 0.2831

Previews

White Background



This preview shows how the Yxy color 14.8622, 0.6171, 0.3454 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 14.8622, 0.6171, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

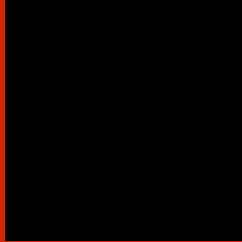
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8622, 0.6171, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 14.8622, 0.6171, 0.3454.



This preview shows how white text looks on a background with the Yxy color 14.8622, 0.6171, 0.3454.

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

14.8622, 0.6171, 0.3454

Protanopia

15.1450, 0.4280, 0.4742

Deuteranopia

15.0189, 0.4698, 0.4652



Tritanopia

14.8564, 0.5964, 0.3305

Trichromacy



Original Color

14.8622, 0.6171, 0.3454

Protanomaly

13.1566, 0.5159, 0.4135

Deuteranomaly

13.4231, 0.5402, 0.4078

Tritanomaly

14.8576, 0.6067, 0.3379

Monochromacy



Original Color

14.8622, 0.6171, 0.3454

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.5010, 0.4577, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8622, 0.6171, 0.3454 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, 5)` looks like.

```
.text, #text, p{  
    color:rgb(207, 41, 5)  
}
```

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, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 41, 5) }
```

Border

The CSS property to change the border of an element to Yxy 14.8622, 0.6171, 0.3454 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, 5) }
```

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

```
.border{ border-color:rgb(207, 41, 5) }
```

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, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 41, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 41, 5);  
box-shadow:4px 4px 4px 4px rgb(207, 41, 5)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8622, 0.6171, 0.3454 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, 5) }
```

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

```
.background{ background-color: rgb(207, 41,  
5) }
```

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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