

Converting Colors

Yxy(14.9305, 0.6329, 0.3314)

Have a look what the booklet for
Yxy(14.9305, 0.6329, 0.3314)
contains.

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Color

Yxy(14.9305, 0.6329, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	D80E08
RGB	216, 14, 8
RGB Percent	85%, 5%, 3%
CMY	0.1530, 0.9444, 0.9687
CMYK	0.00, 0.93, 0.96, 0.15
HSL	2°, 93%, 44%
HSV	2°, 96%, 85%
XYZ	28.5139, 14.9305, 1.6084
YIQ	73.7140, 122.3180, 40.9580

Conversions

Conversions Part 2

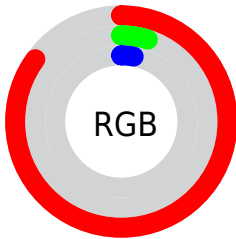
Format	Color
R_{YB}	216, 14, 8
Decimal	14159368
CIE Lab	45.54, 69.46, 57.03
CIE LCh	46, 89.874, 39.386
Yxy	14.9305, 0.6329, 0.3314
Android (android.graphics.Color)	4292349448 (0xFFD80E08)
YUV	73.7140, -32.3970, 124.7848
Hunter-Lab	38.6400, 64.1019, 24.5801

Details

The Yxy color **14.9305, 0.6329, 0.3314** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **50.9894, 0.2226, 0.3199**, and the grayscale version is **6.8556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0684, 0.5562, 0.3530**, and **6.5793, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.7346, 0.6383, 0.3314**, and if you desaturate by 10%, it is **15.8968, 0.6101, 0.3327**.

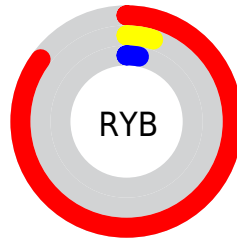
Distribution



Red (85%)

Green (5%)

Blue (3%)



Red (85%)

Yellow (5%)

Blue (3%)

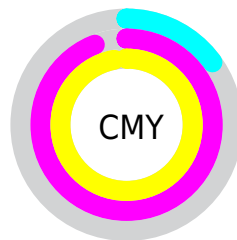


Cyan (0%)

Magenta (93%)

Yellow (96%)

Black (15%)



Cyan (15%)


Magenta (94%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9305, 0.6329, 0.3314 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 14.9305, 0.6329, 0.3314 by changing the saturation by 10% instead.


 14.9305, 0.6329,
0.3314


 14.9305, 0.6329,
0.3314


 222.9452, 0.4585,
0.3562


 8.7706, 0.6753,
0.3141


 34.7312, 0.5706,
0.3495


 4.5919, 0.7176,
0.2824

 49.1408, 0.5464,
0.3534


 2.0099, 0.7663,
0.2337

 67.0692, 0.5258,
0.3556

 0.6132, 0.8413,
0.1587

 88.9006, 0.5082,
0.3567

 0.0000, 1.0000,
0.0000


 115.0195, 0.4930,
0.3570


 0.0000, 0.0000,
0.0000

 145.8103, 0.4799,


0.3570

 181.6574, 0.4685,
0.3567

 14.9305, 0.6329,
0.3314


 14.9305, 0.6329,
0.3314


 14.7346, 0.6383,
0.3314

 15.8968, 0.6101,
0.3327

 17.6730, 0.5726,
0.3336

 20.3875, 0.5268,
0.3339

 24.1455, 0.4797,
0.3336

 29.0382, 0.4364,
0.3330

■ 35.1470, 0.3991,
0.3321

■ 42.5456, 0.3683,
0.3312

■ 51.3020, 0.3433,
0.3303

■ 61.4794, 0.3233,
0.3295

Harmonies

Analogous

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



14.9305, 0.5709, 0.2529



14.9305, 0.6329, 0.3314



14.9305, 0.5713, 0.4287

Triad

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



14.9305, 0.6329, 0.3314



14.9305, 0.1803, 0.5956



14.9305, 0.1262, 0.1130

Complementary

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



14.9305, 0.6329, 0.3314



50.9894, 0.2226, 0.3199

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.



14.9305, 0.0819, 0.1262



14.9305, 0.6329, 0.3314



14.9305, 0.0972, 0.3465

Square

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



14.9305, 0.6329, 0.3314



14.9305, 0.3061, 0.6657



14.9305, 0.0716, 0.1873



14.9305, 0.2232, 0.1309

Rectangle

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



14.9305, 0.6329, 0.3314



14.9305, 0.4900, 0.5100



14.9305, 0.0716, 0.1873



14.9305, 0.1068, 0.1136

Sweetspot

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



14.9315, 0.6329, 0.3314



58.5702, 0.3768, 0.3315



19.5473, 0.3249, 0.1574



11.5457, 0.3901, 0.3319



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.



14.9315, 0.6329, 0.3314



21.4250, 0.6386, 0.3311



26.9760, 0.5303, 0.4142



12.4795, 0.3290, 0.3298



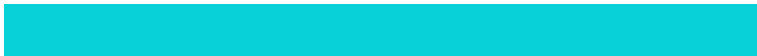
8.7516, 0.6377, 0.3319



0.5492, 0.6303, 0.3377

Inverse Universe

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



50.9894, 0.2226, 0.3199



73.9859, 0.2221, 0.3195



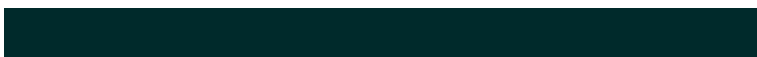
15.8419, 0.1776, 0.1571



14.0414, 0.2983, 0.3283



30.1189, 0.2221, 0.3197



1.8370, 0.2226, 0.3214

Previews

White Background



This preview shows how the Yxy color 14.9305, 0.6329, 0.3314 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 14.9305, 0.6329, 0.3314 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 14.9305, 0.6329, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 14.9305, 0.6329, 0.3314.



This preview shows how white text looks on a background with the Yxy color 14.9305, 0.6329, 0.3314.

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

14.9305, 0.6329, 0.3314

Protanopia

15.4515, 0.4255, 0.4707

Deuteranopia

15.3039, 0.4694, 0.4655



Tritanopia

14.9128, 0.6342, 0.3347

Trichromacy



Original Color

14.9305, 0.6329, 0.3314

Protanomaly

12.2544, 0.5338, 0.3951

Deuteranomaly

12.6200, 0.5591, 0.3921

Tritanomaly

14.8545, 0.6338, 0.3334

Monochromacy



Original Color

14.9305, 0.6329, 0.3314

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

7.1219, 0.4870, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9305, 0.6329, 0.3314 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(216, 14, 8)` looks like.

```
.text, #text, p{  
    color:rgb(216, 14, 8)  
}
```

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(216, 14, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 14, 8) }
```

Border

The CSS property to change the border of an element to Yxy 14.9305, 0.6329, 0.3314 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(216, 14, 8) }
```

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

```
.border{ border-color:rgb(216, 14, 8) }
```

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

Here you see how a box with a 4 pixel rgb(216, 14, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 14, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 14, 8);  
box-shadow:4px 4px 4px 4px rgb(216, 14, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.9305, 0.6329, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 14, 8) }
```

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

```
.background{ background-color: rgb(216, 14,  
8) }
```

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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