

Converting Colors

$Yxy(14.7169, 0.6348, 0.3315)$

Have a look what the booklet for
Yxy(14.7169, 0.6348, 0.3315)
contains.

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Color

Yxy(14.7210, 0.6347, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	D70C05
RGB	215, 12, 5
RGB Percent	84%, 5%, 2%
CMY	0.1568, 0.9530, 0.9802
CMYK	0.00, 0.94, 0.98, 0.16
HSL	2°, 95%, 43%
HSV	2°, 98%, 84%
XYZ	28.1853, 14.7210, 1.5010
YIQ	71.8990, 123.2350, 40.8590

Conversions

Conversions Part 2

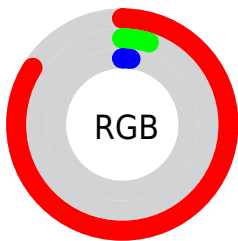
Format	Color
RYB	215, 12, 5
Decimal	14093317
CIELab	45.25, 69.42, 57.65
CIELCh	45, 90.234, 39.708
Yxy	14.7210, 0.6347, 0.3315
Android (android.graphics.Color)	4292283397 (0xFFD70C05)
YUV	71.8990, -32.9812, 125.4996
Hunter-Lab	38.3680, 63.9830, 24.5381

Details

The Yxy color **14.7210, 0.6347, 0.3315** 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 **50.0864, 0.2222, 0.3188**, and the grayscale version is **6.5040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8778, 0.5588, 0.3534**, and **6.4840, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.6024, 0.6381, 0.3315**, and if you desaturate by 10%, it is **15.6007, 0.6136, 0.3329**.

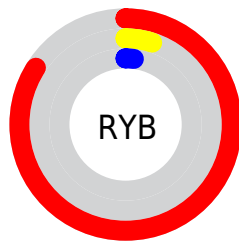
Distribution



Red (84%)

Green (5%)

Blue (2%)



Red (84%)

Yellow (5%)

Blue (2%)

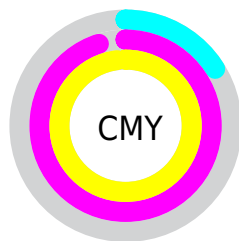


Cyan (0%)

Magenta (94%)

Yellow (98%)

Black (16%)



Cyan (16%)


Magenta (95%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7210, 0.6347, 0.3315 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 14.7210, 0.6347, 0.3315 by changing the saturation by 10% instead.


 14.7210, 0.6347,
0.3315


 14.7210, 0.6347,
0.3315


 221.6712, 0.4595,
0.3569


 8.6238, 0.6779,
0.3142

 34.3630, 0.5723,
0.3500


 4.4966, 0.7187,
0.2813

 48.6766, 0.5479,
0.3540


 1.9551, 0.7678,
0.2322


 66.4977, 0.5272,
0.3562

 0.5812, 0.8452,
0.1548

 88.2109, 0.5095,
0.3573

 0.0000, 1.0000,
0.0000


 114.2004, 0.4943,
0.3577


 0.0000, 0.0000,
0.0000

 144.8507, 0.4811,

0.3577

 180.5462, 0.4696,
0.3574


 14.7210, 0.6347,
0.3315


 14.7210, 0.6347,
0.3315


 14.6024, 0.6381,
0.3315

 15.6007, 0.6136,
0.3329

 17.2604, 0.5778,
0.3340

 19.8305, 0.5327,
0.3344

 23.4160, 0.4855,
0.3342

 28.1076, 0.4416,
0.3335

■ 33.9860, 0.4036,
0.3326

■ 41.1244, 0.3720,
0.3316

■ 49.5900, 0.3463,
0.3306

■ 59.4454, 0.3257,
0.3297

Harmonies

Analogous

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



14.7210, 0.5744, 0.2529



14.7210, 0.6347, 0.3315



14.7210, 0.5708, 0.4292

Triad

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



14.7210, 0.6347, 0.3315



14.7210, 0.1777, 0.5961



14.7210, 0.1259, 0.1120

Complementary

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



14.7210, 0.6347, 0.3315



50.0864, 0.2222, 0.3188

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.



14.7210, 0.0812, 0.1247



14.7210, 0.6347, 0.3315



14.7210, 0.0953, 0.3439

Square

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



14.7210, 0.6347, 0.3315



14.7210, 0.3037, 0.6690



14.7210, 0.0704, 0.1851



14.7210, 0.2239, 0.1303

Rectangle

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



14.7210, 0.6347, 0.3315



14.7210, 0.4886, 0.5114



14.7210, 0.0704, 0.1851



14.7210, 0.1064, 0.1125

Sweetspot

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



14.7219, 0.6347, 0.3315



58.6688, 0.3767, 0.3318



19.2866, 0.3250, 0.1571



11.5681, 0.3900, 0.3322



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.



14.7219, 0.6347, 0.3315



21.4428, 0.6385, 0.3312



26.3880, 0.5328, 0.4133



12.4858, 0.3290, 0.3298



8.7636, 0.6374, 0.3321



0.5523, 0.6293, 0.3385

Inverse Universe

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



50.0864, 0.2222, 0.3188



73.4831, 0.2218, 0.3184



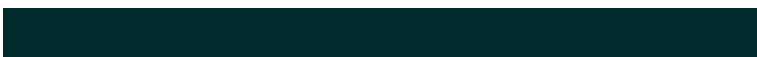
15.3571, 0.1767, 0.1548



14.0342, 0.2983, 0.3282



29.9194, 0.2219, 0.3187



1.8271, 0.2224, 0.3206

Previews

White Background



This preview shows how the Yxy color 14.7210, 0.6347, 0.3315 looks on a white background.

Color Contrast Check

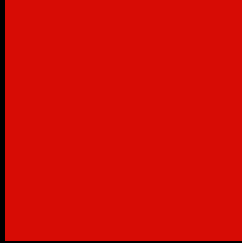
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7210, 0.6347, 0.3315 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 14.7210, 0.6347, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 14.7210, 0.6347, 0.3315.



This preview shows how white text looks on a background with the Yxy color 14.7210, 0.6347, 0.3315.

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

14.7210, 0.6347, 0.3315

Protanopia

15.1587, 0.4261, 0.4713

Deuteranopia

15.0189, 0.4698, 0.4652



Tritanopia

14.7965, 0.6337, 0.3351

Trichromacy



Original Color

14.7210, 0.6347, 0.3315

Protanomaly

12.0160, 0.5353, 0.3949

Deuteranomaly

12.3840, 0.5604, 0.3917

Tritanomaly

14.7014, 0.6341, 0.3336

Monochromacy



Original Color

14.7210, 0.6347, 0.3315

Achromatopsia

6.4803, 0.3127, 0.3290

Achromatomaly

6.7797, 0.4909, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7210, 0.6347, 0.3315 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(215, 12, 5)` looks like.

```
.text, #text, p{  
    color:rgb(215, 12, 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(215, 12, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 12, 5) }
```

Border

The CSS property to change the border of an element to Yxy 14.7210, 0.6347, 0.3315 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(215, 12, 5) }
```

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

```
.border{ border-color:rgb(215, 12, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 12, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 12, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 12, 5);  
box-shadow:4px 4px 4px 4px rgb(215, 12, 5)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.7210, 0.6347, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 12, 5) }
```

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

```
.background{ background-color: rgb(215, 12,  
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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