

Converting Colors

$Yxy(14.0867, 0.6331, 0.3355)$

Have a look what the booklet for
Yxy(14.0867, 0.6331, 0.3355)
contains.

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Color

Yxy(14.0556, 0.6333, 0.3353)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D11400 |
| RGB | 209, 20, 0 |
| RGB Percent | 82%, 8%, 0% |
| CMY | 0.1803, 0.9217, 0.9997 |
| CMYK | 0.00, 0.90, 1.00, 0.18 |
| HSL | 6°, 100%, 41% |
| HSV | 6°, 100%, 82% |
| XYZ | 26.5476, 14.0556, 1.3163 |
| YIQ | 74.2310, 119.0640, 33.8480 |

Conversions

Conversions Part 2

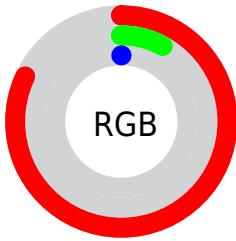
| Format | Color |
|-------------------------------------|---|
| RYB | 209, 22, 0 |
| Decimal | 13702144 |
| CIELab | 44.31, 66.87, 58.09 |
| CIELCh | 44, 88.575, 40.979 |
| Yxy | 14.0556, 0.6333, 0.3353 |
| Android (android.graphics.Color) | 4291892224 (0xFFD11400) |
| YUV | 74.2310, -36.5959, 118.1924 |
| Hunter-Lab | 37.4908, 60.7887, 24.1619 |

Details

The Yxy color **14.0556, 0.6333, 0.3353** 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 **41.0546, 0.2163, 0.2986**, and the grayscale version is **6.9409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1806, 0.5603, 0.3575**, and **5.9293, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.0535, 0.6334, 0.3353**, and if you desaturate by 10%, it is **15.0545, 0.6117, 0.3391**.

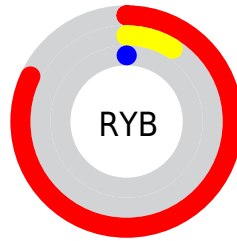
Distribution



Red (82%)

Green (8%)

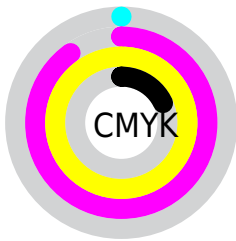
Blue (0%)



Red (82%)

Yellow (9%)

Blue (0%)

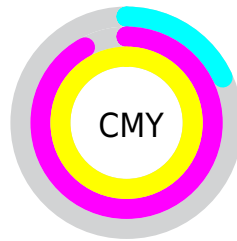


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (92%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0556, 0.6333, 0.3353 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 14.0556, 0.6333, 0.3353 by changing the saturation by 10% instead.


 14.0556, 0.6333,
0.3353


 14.0556, 0.6333,
0.3353


 217.5764, 0.4583,
0.3591


 8.1593, 0.6784,
0.3187


 33.1876, 0.5710,
0.3537


 4.1971, 0.7163,
0.2837


 47.1922, 0.5466,
0.3575

 1.7844, 0.7666,
0.2334


 64.6684, 0.5259,
0.3594

 0.4774, 0.8543,
0.1457

 86.0005, 0.5082,
0.3603


 0.0000, 1.0000,
0.0000

 111.5730, 0.4930,
0.3605

 0.0000, 0.0000,
0.0000


 141.7702, 0.4798,


0.3603


 176.9765, 0.4684,
0.3598


 14.0556, 0.6333,
0.3353


 14.0556, 0.6333,
0.3353

 14.0535, 0.6334,
0.3353

 15.0545, 0.6117,
0.3391

 16.7289, 0.5774,
0.3423

 19.1804, 0.5344,
0.3437

 22.4887, 0.4891,
0.3433

 26.7234, 0.4463,
0.3417

■ 31.9470, 0.4088,
0.3394

■ 38.2166, 0.3771,
0.3367

■ 45.5848, 0.3511,
0.3340

■ 54.1008, 0.3299,
0.3314

Harmonies

Analogous

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



14.0556, 0.5793, 0.2565



14.0556, 0.6333, 0.3353



14.0556, 0.5659, 0.4341

Triad

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



14.0556, 0.6333, 0.3353



14.0556, 0.1735, 0.5860



14.0556, 0.1291, 0.1125

Complementary

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



14.0556, 0.6333, 0.3353



41.0546, 0.2163, 0.2986

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.



14.0556, 0.0827, 0.1239



14.0556, 0.6333, 0.3353



14.0556, 0.0937, 0.3345

Square

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



14.0556, 0.6333, 0.3353



14.0556, 0.2982, 0.6700



14.0556, 0.0707, 0.1814



14.0556, 0.2299, 0.1321

Rectangle

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



14.0556, 0.6333, 0.3353



14.0556, 0.4829, 0.5171



14.0556, 0.0707, 0.1814



14.0556, 0.1089, 0.1126

Sweetspot

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



14.0565, 0.6333, 0.3353



59.5200, 0.3782, 0.3368



17.3470, 0.3432, 0.1665



11.8042, 0.3911, 0.3380



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.



14.0565, 0.6333, 0.3353



21.9244, 0.6343, 0.3345



27.4664, 0.5174, 0.4274



11.9866, 0.3288, 0.3313



8.7289, 0.6320, 0.3364



0.5516, 0.6094, 0.3543

Inverse Universe

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



41.0546, 0.2163, 0.2986



64.2211, 0.2162, 0.2983



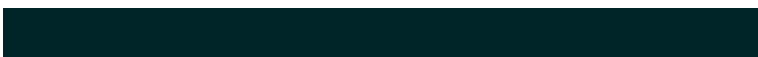
11.4435, 0.1694, 0.1299



13.2067, 0.2983, 0.3267



25.3865, 0.2164, 0.2991



1.4767, 0.2181, 0.3050

Previews

White Background



This preview shows how the Yxy color 14.0556, 0.6333, 0.3353 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 14.0556, 0.6333, 0.3353 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 14.0556, 0.6333, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 14.0556, 0.6333, 0.3353.



This preview shows how white text looks on a background with the Yxy color 14.0556, 0.6333, 0.3353.

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

14.0556, 0.6333, 0.3353

Protanopia

14.5165, 0.4251, 0.4724

Deuteranopia

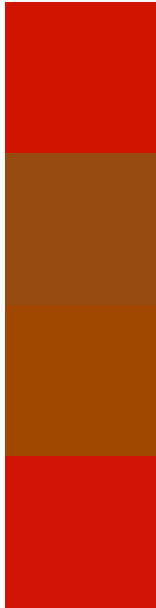
14.3757, 0.4692, 0.4657



Tritanopia

14.0753, 0.6295, 0.3332

Trichromacy



Original Color

14.0556, 0.6333, 0.3353

Protanomaly

11.7480, 0.5314, 0.4011

Deuteranomaly

12.2118, 0.5545, 0.3979

Tritanomaly

14.0688, 0.6308, 0.3339

Monochromacy



Original Color

14.0556, 0.6333, 0.3353

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

7.0545, 0.4860, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0556, 0.6333, 0.3353 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(209, 20, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 20, 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(209, 20, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 20, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.0556, 0.6333, 0.3353 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(209, 20, 0) }
```

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

```
.border{ border-color:rgb(209, 20, 0) }
```

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

Here you see how a box with a 4 pixel rgb(209, 20, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 20, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 20, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 20, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0556, 0.6333, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 20, 0) }
```

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

```
.background{ background-color: rgb(209, 20,  
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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