

Converting Colors

$Y_{xy}(14.0326, 0.6373, 0.3292)$

Have a look what the booklet for
Yxy(14.0326, 0.6373, 0.3292)
contains.

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Color

Yxy(14.0514, 0.6374, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	D40205
RGB	212, 2, 5
RGB Percent	83%, 1%, 2%
CMY	0.1687, 0.9917, 0.9806
CMYK	0.00, 0.99, 0.98, 0.17
HSL	359°, 98%, 42%
HSV	359°, 99%, 83%
XYZ	27.1982, 14.0514, 1.4209
YIQ	65.1320, 124.1970, 45.4530

Conversions

Conversions Part 2

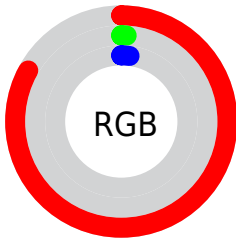
Format	Color
RYB	212, 2, 5
Decimal	13894149
CIELab	44.31, 69.54, 56.89
CIElCh	44, 89.849, 39.285
Yxy	14.0514, 0.6374, 0.3293
Android (android.graphics.Color)	4292084229 (0xFFD40205)
YUV	65.1320, -29.6451, 128.8032
Hunter-Lab	37.4852, 63.9154, 23.9922

Details

The Yxy color **14.0514, 0.6374, 0.3293** 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 **51.7064, 0.2259, 0.3328**, and the grayscale version is **5.3490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3718, 0.5623, 0.3515**, and **6.2030, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.0018, 0.6389, 0.3293**, and if you desaturate by 10%, it is **14.6949, 0.6186, 0.3288**.

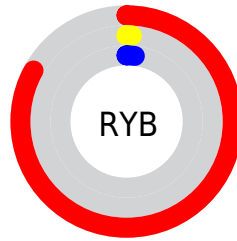
Distribution



Red (83%)

Green (1%)

Blue (2%)



Red (83%)

Yellow (1%)

Blue (2%)

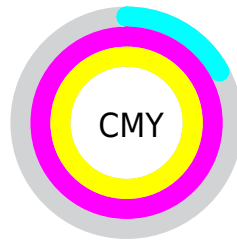


Cyan (0%)

Magenta (99%)

Yellow (98%)

Black (17%)



Cyan (17%)


Magenta (99%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.0514, 0.6374, 0.3293 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 14.0514, 0.6374, 0.3293 by changing the saturation by 10% instead.


 14.0514, 0.6374,
0.3293


 14.0514, 0.6374,
0.3293


 217.5504, 0.4596,
0.3561


 8.1564, 0.6823,
0.3116


 33.1802, 0.5738,
0.3486


 4.1952, 0.7230,
0.2770

 47.1828, 0.5490,
0.3528

 1.7833, 0.7738,
0.2262

 64.6568, 0.5280,
0.3551

 0.4768, 0.8607,
0.1393

 85.9864, 0.5101,
0.3563


 0.0000, 1.0000,
0.0000


 111.5563, 0.4947,
0.3568


 0.0000, 0.0000,
0.0000

 141.7506, 0.4814,


0.3568


 176.9538, 0.4698,
0.3566

 14.0514, 0.6374,
0.3293


 14.0514, 0.6374,
0.3293

 14.0018, 0.6389,
0.3293

 14.6949, 0.6186,
0.3288

 16.0389, 0.5847,
0.3282

 18.2722, 0.5402,
0.3278

 21.5124, 0.4925,
0.3276

 25.8595, 0.4475,
0.3277

■ 31.4013, 0.4082,
0.3279

■ 38.2167, 0.3757,
0.3282

■ 46.3781, 0.3493,
0.3284

■ 55.9523, 0.3281,
0.3287

Harmonies

Analogous

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



14.0514, 0.5751, 0.2508



14.0514, 0.6374, 0.3293



14.0514, 0.5733, 0.4267

Triad

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



14.0514, 0.6374, 0.3293



14.0514, 0.1775, 0.6028



14.0514, 0.1237, 0.1106

Complementary

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



14.0514, 0.6374, 0.3293



51.7064, 0.2259, 0.3328

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.



14.0514, 0.0795, 0.1238



14.0514, 0.6374, 0.3293



14.0514, 0.0943, 0.3469

Square

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



14.0514, 0.6374, 0.3293



14.0514, 0.3046, 0.6724



14.0514, 0.0691, 0.1850



14.0514, 0.2212, 0.1285

Rectangle

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



14.0514, 0.6374, 0.3293



14.0514, 0.4905, 0.5095



14.0514, 0.0691, 0.1850



14.0514, 0.1044, 0.1112

Sweetspot

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



14.0523, 0.6374, 0.3293



56.5765, 0.3796, 0.3281



18.2802, 0.3168, 0.1522



11.1375, 0.3930, 0.3280



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.



14.0523, 0.6374, 0.3293



21.2676, 0.6391, 0.3294



23.8115, 0.5449, 0.4047



12.4235, 0.3289, 0.3287



8.6462, 0.6385, 0.3291



0.5225, 0.6335, 0.3264

Inverse Universe

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



14.0523, 0.6374, 0.3293



21.2676, 0.6391, 0.3294



16.0378, 0.1790, 0.1636



12.4235, 0.3289, 0.3287



8.6462, 0.6385, 0.3291



0.5225, 0.6335, 0.3264

Previews

White Background



This preview shows how the Yxy color 14.0514, 0.6374, 0.3293 looks on a white background.

Color Contrast Check

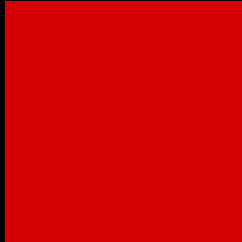
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0514, 0.6374, 0.3293 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 14.0514, 0.6374, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 14.0514, 0.6374, 0.3293.



This preview shows how white text looks on a background with the Yxy color 14.0514, 0.6374, 0.3293.

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

14.0514, 0.6374, 0.3293

Protanopia

14.5923, 0.4259, 0.4704

Deuteranopia

14.6536, 0.4688, 0.4660



Tritanopia

14.2019, 0.6334, 0.3353

Trichromacy



Original Color

14.0514, 0.6374, 0.3293

Protanomaly

11.0791, 0.5408, 0.3893

Deuteranomaly

11.6873, 0.5657, 0.3875

Tritanomaly

14.1411, 0.6354, 0.3326

Monochromacy



Original Color

14.0514, 0.6374, 0.3293

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

5.6819, 0.5038, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0514, 0.6374, 0.3293 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(212, 2, 5)` looks like.

```
.text, #text, p{  
  color:rgb(212, 2, 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(212, 2, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 2, 5) }
```

Border

The CSS property to change the border of an element to Yxy 14.0514, 0.6374, 0.3293 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(212, 2, 5) }
```

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

```
.border{ border-color:rgb(212, 2, 5) }
```

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

Here you see how a box with a 4 pixel rgb(212, 2, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 2, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(212, 2, 5); box-shadow:4px  
4px 4px 4px rgb(212, 2, 5) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0514, 0.6374, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 2, 5) }
```

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

```
.background{ background-color: rgb(212, 2,  
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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