

Converting Colors

$Yxy(14.6555, 0.6346, 0.3276)$

Have a look what the booklet for
Yxy(14.6555, 0.6346, 0.3276)
contains.

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Color

Yxy(14.6689, 0.6347, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	D8020C
RGB	216, 2, 12
RGB Percent	85%, 1%, 5%
CMY	0.1529, 0.9925, 0.9528
CMYK	0.00, 0.99, 0.94, 0.15
HSL	357°, 98%, 43%
HSV	357°, 99%, 85%
XYZ	28.4112, 14.6689, 1.6831
YIQ	67.1260, 124.3340, 48.4780

Conversions

Conversions Part 2

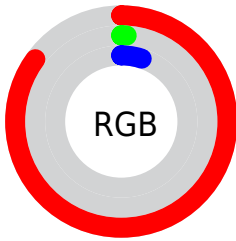
Format	Color
R_{YB}	216, 2, 12
Decimal	14156300
CIE Lab	45.18, 70.62, 55.66
CIE LCh	45, 89.914, 38.243
Yxy	14.6689, 0.6347, 0.3277
Android (android.graphics.Color)	4292346380 (0xFFD8020C)
YUV	67.1260, -27.1771, 130.5625
Hunter-Lab	38.3000, 65.3875, 24.2045

Details

The Yxy color **14.6689, 0.6347, 0.3277** 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 **53.5841, 0.2288, 0.3433**, and the grayscale version is **5.6562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5872, 0.5570, 0.3492**, and **6.5793, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.6240, 0.6360, 0.3277**, and if you desaturate by 10%, it is **15.3429, 0.6138, 0.3257**.

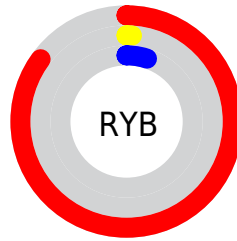
Distribution



Red (85%)

Green (1%)

Blue (5%)



Red (85%)

Yellow (1%)

Blue (5%)

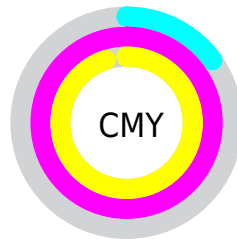


Cyan (0%)

Magenta (99%)

Yellow (94%)

Black (15%)



Cyan (15%)


Magenta (99%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6689, 0.6347, 0.3277 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 14.6689, 0.6347, 0.3277 by changing the saturation by 10% instead.


 14.6689, 0.6347,
0.3277


 14.6689, 0.6347,
0.3277


 221.3533, 0.4583,
0.3541


 8.5873, 0.6776,
0.3099


 34.2713, 0.5713,
0.3463


 4.4730, 0.7219,
0.2781

 48.5609, 0.5468,
0.3504


 1.9415, 0.7714,
0.2286

 66.3553, 0.5260,
0.3528

 0.5732, 0.8492,
0.1508

 88.0389, 0.5082,
0.3540


 0.0000, 1.0000,
0.0000


 113.9961, 0.4930,
0.3546


 0.0000, 0.0000,
0.0000

 144.6113, 0.4798,


0.3547

 180.2689, 0.4684,
0.3545

 14.6689, 0.6347,
0.3277


 14.6689, 0.6347,
0.3277


 14.6240, 0.6360,
0.3277

 15.3429, 0.6138,
0.3257

 16.7464, 0.5785,
0.3239

 19.0743, 0.5339,
0.3229

 22.4489, 0.4871,
0.3228

 26.9737, 0.4434,
0.3234

■ 32.7401, 0.4054,
0.3244

■ 39.8299, 0.3739,
0.3255

■ 48.3183, 0.3483,
0.3268

■ 58.2746, 0.3278,
0.3280

Harmonies

Analogous

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



14.6689, 0.5670, 0.2494



14.6689, 0.6347, 0.3277



14.6689, 0.5760, 0.4240

Triad

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



14.6689, 0.6347, 0.3277



14.6689, 0.1836, 0.6054



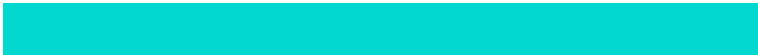
14.6689, 0.1230, 0.1121

Complementary

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



14.6689, 0.6347, 0.3277



53.5841, 0.2288, 0.3433

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.



14.6689, 0.0803, 0.1266



14.6689, 0.6347, 0.3277



14.6689, 0.0982, 0.3552

Square

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



14.6689, 0.6347, 0.3277



14.6689, 0.3109, 0.6660



14.6689, 0.0710, 0.1903



14.6689, 0.2177, 0.1290

Rectangle

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



14.6689, 0.6347, 0.3277



14.6689, 0.4951, 0.5049



14.6689, 0.0710, 0.1903



14.6689, 0.1042, 0.1131

Sweetspot

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



14.6698, 0.6347, 0.3277



56.6824, 0.3773, 0.3254



18.0240, 0.3084, 0.1475



11.1615, 0.3902, 0.3249



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.



14.6698, 0.6347, 0.3277



21.2867, 0.6367, 0.3281



23.3902, 0.5550, 0.3967



12.4302, 0.3284, 0.3279



8.6588, 0.6346, 0.3270



0.5257, 0.6179, 0.3178

Inverse Universe

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



14.6698, 0.6347, 0.3277



21.2867, 0.6367, 0.3281



18.3253, 0.1820, 0.1746



12.4302, 0.3284, 0.3279



8.6588, 0.6346, 0.3270



0.5257, 0.6179, 0.3178

Previews

White Background



This preview shows how the Yxy color 14.6689, 0.6347, 0.3277 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 14.6689, 0.6347, 0.3277 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 14.6689, 0.6347, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 14.6689, 0.6347, 0.3277.



This preview shows how white text looks on a background with the Yxy color 14.6689, 0.6347, 0.3277.

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

14.6689, 0.6347, 0.3277

Protanopia

15.1791, 0.4232, 0.4670

Deuteranopia

15.2190, 0.4680, 0.4666



Tritanopia

14.7965, 0.6337, 0.3351

Trichromacy



Original Color

14.6689, 0.6347, 0.3277

Protanomaly

11.5184, 0.5378, 0.3854

Deuteranomaly

12.1301, 0.5653, 0.3862

Tritanomaly

14.7437, 0.6348, 0.3320

Monochromacy



Original Color

14.6689, 0.6347, 0.3277

Achromatopsia

5.6128, 0.3127, 0.3290

Achromatomaly

5.9979, 0.4975, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6689, 0.6347, 0.3277 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, 2, 12)` looks like.

```
.text, #text, p{  
  color:rgb(216, 2, 12)  
}
```

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, 2, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 2, 12) }
```

Border

The CSS property to change the border of an element to Yxy 14.6689, 0.6347, 0.3277 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, 2, 12) }
```

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

```
.border{ border-color:rgb(216, 2, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 2, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 2, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 2, 12);  
box-shadow:4px 4px 4px 4px rgb(216, 2, 12)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.6689, 0.6347, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 2, 12) }
```

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

```
.background{ background-color: rgb(216, 2,  
12) }
```

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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