

Converting Colors

$Yxy(13.9667, 0.6359, 0.3277)$

Have a look what the booklet for
Yxy(13.9667, 0.6359, 0.3277)
contains.

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Color

Yxy(14.0190, 0.6359, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	D4000A
RGB	212, 0, 10
RGB Percent	83%, 0%, 4%
CMY	0.1687, 0.9995, 0.9611
CMYK	0.00, 1.00, 0.95, 0.17
HSL	357°, 100%, 42%
HSV	357°, 100%, 83%
XYZ	27.2038, 14.0190, 1.5572
YIQ	64.5280, 123.1420, 48.0540

Conversions

Conversions Part 2

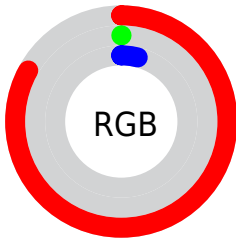
Format	Color
RYB	212, 0, 10
Decimal	13893642
CIELab	44.26, 69.77, 55.35
CIElCh	44, 89.056, 38.427
Yxy	14.0190, 0.6359, 0.3277
Android (android.graphics.Color)	4292083722 (0xFFD4000A)
YUV	64.5280, -26.8823, 129.3329
Hunter-Lab	37.4420, 64.1674, 23.7435

Details

The Yxy color **14.0190, 0.6359, 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 **51.3555, 0.2287, 0.3431**, and the grayscale version is **5.2478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4026, 0.5597, 0.3497**, and **6.2030, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.0170, 0.6360, 0.3277**, and if you desaturate by 10%, it is **14.6382, 0.6160, 0.3260**.

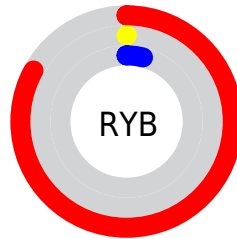
Distribution



Red (83%)

Green (0%)

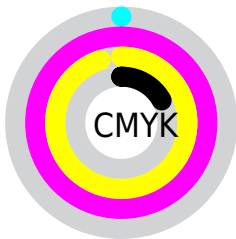
Blue (4%)



Red (83%)

Yellow (0%)

Blue (4%)

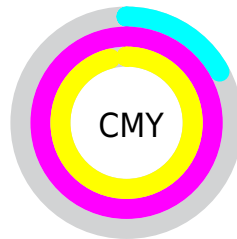


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (17%)



Cyan (17%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0190, 0.6359, 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 14.0190, 0.6359, 0.3277 by changing the saturation by 10% instead.


 14.0190, 0.6359,
0.3277


 14.0190, 0.6359,
0.3277


 217.3490, 0.4579,
0.3544


 8.1339, 0.6803,
0.3098


 33.1227, 0.5718,
0.3467


 4.1807, 0.7237,
0.2763


 47.1101, 0.5470,
0.3508

 1.7752, 0.7746,
0.2254


 64.5671, 0.5260,
0.3532

 0.4716, 0.8621,
0.1379

 85.8780, 0.5081,
0.3544


 0.0000, 1.0000,
0.0000


 111.4273, 0.4928,
0.3550


 0.0000, 0.0000,
0.0000


 141.5992, 0.4795,


0.3550


 176.7784, 0.4680,
0.3548


 14.0190, 0.6359,
0.3277


 14.0190, 0.6359,
0.3277


 14.0170, 0.6360,
0.3277

 14.6382, 0.6160,
0.3260

 15.9220, 0.5817,
0.3241

 18.0803, 0.5377,
0.3231

 21.2315, 0.4908,
0.3229

 25.4758, 0.4467,
0.3234

■ 30.9011, 0.4083,
0.3244

■ 37.5863, 0.3762,
0.3255

■ 45.6037, 0.3502,
0.3267

■ 55.0199, 0.3293,
0.3279

Harmonies

Analogous

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



14.0190, 0.5692, 0.2493



14.0190, 0.6359, 0.3277



14.0190, 0.5758, 0.4242

Triad

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



14.0190, 0.6359, 0.3277



14.0190, 0.1820, 0.6060



14.0190, 0.1227, 0.1115

Complementary

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



14.0190, 0.6359, 0.3277



51.3555, 0.2287, 0.3431

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.



14.0190, 0.0798, 0.1257



14.0190, 0.6359, 0.3277



14.0190, 0.0970, 0.3537

Square

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



14.0190, 0.6359, 0.3277



14.0190, 0.3096, 0.6686



14.0190, 0.0703, 0.1889



14.0190, 0.2180, 0.1285

Rectangle

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



14.0190, 0.6359, 0.3277



14.0190, 0.4943, 0.5057



14.0190, 0.0703, 0.1889



14.0190, 0.1039, 0.1124

Sweetspot

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



14.0199, 0.6359, 0.3277



56.6792, 0.3773, 0.3255



17.2281, 0.3083, 0.1472



11.1607, 0.3903, 0.3250



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.



14.0199, 0.6359, 0.3277



21.2861, 0.6368, 0.3282



22.2638, 0.5566, 0.3962



12.4300, 0.3284, 0.3280



8.6584, 0.6347, 0.3270



0.5256, 0.6183, 0.3180

Inverse Universe

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



14.0199, 0.6359, 0.3277



21.2861, 0.6368, 0.3282



17.3947, 0.1815, 0.1735



12.4300, 0.3284, 0.3280



8.6584, 0.6347, 0.3270



0.5256, 0.6183, 0.3180

Previews

White Background



This preview shows how the Yxy color 14.0190, 0.6359, 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 14.0190, 0.6359, 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 14.0190, 0.6359, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 14.0190, 0.6359, 0.3277.



This preview shows how white text looks on a background with the Yxy color 14.0190, 0.6359, 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

14.0190, 0.6359, 0.3277

Protanopia

14.6022, 0.4244, 0.4682

Deuteranopia

14.6536, 0.4688, 0.4660



Tritanopia

14.2019, 0.6334, 0.3353

Trichromacy



Original Color

14.0190, 0.6359, 0.3277

Protanomaly

10.9684, 0.5399, 0.3856

Deuteranomaly

11.5759, 0.5664, 0.3853

Tritanomaly

14.1455, 0.6346, 0.3321

Monochromacy



Original Color

14.0190, 0.6359, 0.3277

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

5.6269, 0.5001, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0190, 0.6359, 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(212, 0, 10)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 10)  
}
```

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, 0, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 10) }
```

Border

The CSS property to change the border of an element to Yxy 14.0190, 0.6359, 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(212, 0, 10) }
```

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

```
.border{ border-color:rgb(212, 0, 10) }
```

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

Here you see how a box with a 4 pixel rgb(212, 0, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 10);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 10)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0190, 0.6359, 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(212, 0, 10) }
```

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

```
.background{ background-color: rgb(212, 0,  
10) }
```

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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