

Converting Colors

$Y_{xy}(13.5127, 0.6358, 0.3334)$

Have a look what the booklet for
Yxy(13.5127, 0.6358, 0.3334)
contains.

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Color

Yxy(13.5795, 0.6357, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	CF0E00
RGB	207, 14, 0
RGB Percent	81%, 5%, 0%
CMY	0.1882, 0.9453, 0.9997
CMYK	0.00, 0.93, 1.00, 0.19
HSL	4°, 100%, 41%
HSV	4°, 100%, 81%
XYZ	25.8923, 13.5795, 1.2586
YIQ	70.1110, 119.5220, 36.5620

Conversions

Conversions Part 2

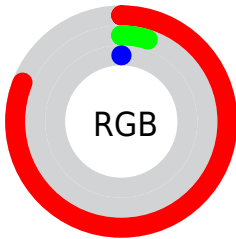
Format	Color
RYB	207, 15, 0
Decimal	13569536
CIELab	43.62, 67.13, 57.58
CIELCh	44, 88.439, 40.622
Yxy	13.5795, 0.6357, 0.3334
Android (android.graphics.Color)	4291759616 (0xFFCF0E00)
YUV	70.1110, -34.5647, 120.0517
Hunter-Lab	36.8504, 60.9318, 23.7703

Details

The Yxy color **13.5795, 0.6357, 0.3334** 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 **42.7029, 0.2188, 0.3078**, and the grayscale version is **6.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6618, 0.5638, 0.3555**, and **5.7508, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.5783, 0.6357, 0.3334**, and if you desaturate by 10%, it is **14.4234, 0.6154, 0.3359**.

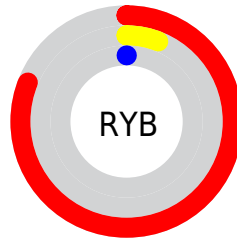
Distribution



Red (81%)

Green (5%)

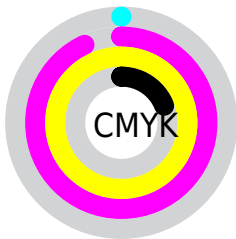
Blue (0%)



Red (81%)

Yellow (6%)

Blue (0%)

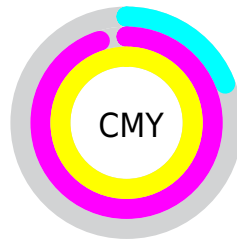


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (95%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5795, 0.6357, 0.3334 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 13.5795, 0.6357, 0.3334 by changing the saturation by 10% instead.


 13.5795, 0.6357,
0.3334


 13.5795, 0.6357,
0.3334

 214.5989, 0.4586,
0.3585

 7.8288, 0.6823,
0.3166


 32.3410, 0.5725,
0.3524


 3.9856, 0.7198,
0.2802


 46.1206, 0.5478,
0.3564


 1.6655, 0.7715,
0.2285


 63.3453, 0.5268,
0.3585

 0.4012, 0.8687,
0.1313

 84.3995, 0.5089,
0.3595


 0.0000, 1.0000,
0.0000


 109.6676, 0.4936,
0.3597


 0.0000, 0.0000,
0.0000


 139.5339, 0.4803,


0.3595


 174.3829, 0.4687,
0.3591


 13.5795, 0.6357,
0.3334


 13.5795, 0.6357,
0.3334


 13.5783, 0.6357,
0.3334

 14.4234, 0.6154,
0.3359

 15.9391, 0.5816,
0.3383

 18.2384, 0.5382,
0.3394

 21.4078, 0.4920,
0.3392

 25.5229, 0.4483,
0.3381

■ 30.6507, 0.4100,
0.3364

■ 36.8522, 0.3777,
0.3345

■ 44.1837, 0.3513,
0.3326

■ 52.6974, 0.3299,
0.3307

Harmonies

Analogous

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



13.5795, 0.5801, 0.2547



13.5795, 0.6357, 0.3334



13.5795, 0.5680, 0.4320

Triad

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



13.5795, 0.6357, 0.3334



13.5795, 0.1733, 0.5917



13.5795, 0.1272, 0.1113

Complementary

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



13.5795, 0.6357, 0.3334



42.7029, 0.2188, 0.3078

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.



13.5795, 0.0812, 0.1229



13.5795, 0.6357, 0.3334



13.5795, 0.0928, 0.3368

Square

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



13.5795, 0.6357, 0.3334



13.5795, 0.2989, 0.6731



13.5795, 0.0695, 0.1812



13.5795, 0.2275, 0.1305

Rectangle

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



13.5795, 0.6357, 0.3334



13.5795, 0.4845, 0.5155



13.5795, 0.0695, 0.1812



13.5795, 0.1071, 0.1115

Sweetspot

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



13.5804, 0.6357, 0.3334



58.6230, 0.3789, 0.3346



17.1288, 0.3385, 0.1639



11.6003, 0.3920, 0.3354



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.



13.5804, 0.6357, 0.3334



21.6643, 0.6366, 0.3328



26.0693, 0.5222, 0.4236



11.9337, 0.3289, 0.3306



8.6039, 0.6347, 0.3343



0.5267, 0.6178, 0.3476

Inverse Universe

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



42.7029, 0.2188, 0.3078



68.3058, 0.2188, 0.3075



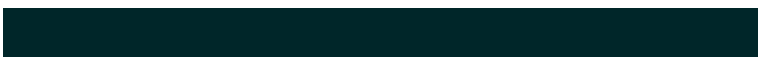
11.7760, 0.1709, 0.1350



13.2656, 0.2983, 0.3274



26.9551, 0.2189, 0.3081



1.5489, 0.2201, 0.3122

Previews

White Background



This preview shows how the Yxy color 13.5795, 0.6357, 0.3334 looks on a white background.

Color Contrast Check

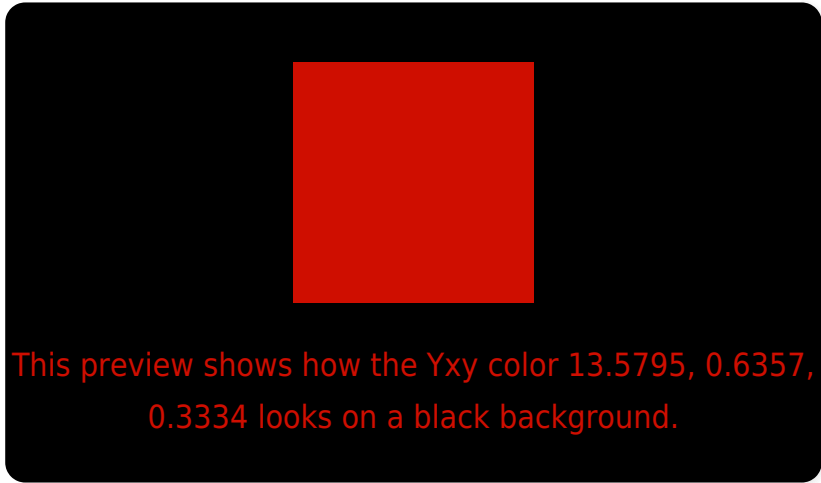
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.5795, 0.6357, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 13.5795, 0.6357, 0.3334.



This preview shows how white text looks on a background with the Yxy color 13.5795, 0.6357, 0.3334.

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

13.5795, 0.6357, 0.3334

Protanopia

14.0338, 0.4264, 0.4705

Tritanopia

13.5876, 0.6336, 0.3351

Trichromacy



Original Color

13.5795, 0.6357, 0.3334

Protanomaly

11.1592, 0.5346, 0.3978

Tritanomaly

13.5227, 0.6345, 0.3344

Monochromacy



Original Color

13.5795, 0.6357, 0.3334

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

6.4637, 0.4911, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5795, 0.6357, 0.3334 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(207, 14, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 14, 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(207, 14, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 14, 0) }
```

Border

The CSS property to change the border of an element to Yxy 13.5795, 0.6357, 0.3334 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(207, 14, 0) }
```

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

```
.border{ border-color:rgb(207, 14, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 14, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 14, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 14, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 14, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 13.5795, 0.6357, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 14, 0) }
```

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

```
.background{ background-color: rgb(207, 14,  
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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