

Converting Colors

$Yxy(13.2124, 0.6377, 0.3287)$

Have a look what the booklet for
Yxy(13.2124, 0.6377, 0.3287)
contains.

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Color

Yxy(13.2764, 0.6379, 0.3287)

Conversions

Conversions Part 1

Format	Color
Hex	CF0005
RGB	207, 0, 5
RGB Percent	81%, 0%, 2%
CMY	0.1881, 1.0000, 0.9803
CMYK	0.00, 1.00, 0.98, 0.19
HSL	359°, 100%, 41%
HSV	359°, 100%, 81%
XYZ	25.7652, 13.2764, 1.3490
YIQ	62.4630, 121.7670, 45.4390

Conversions

Conversions Part 2

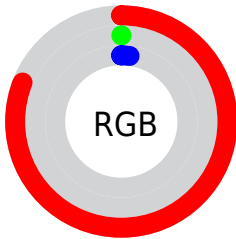
Format	Color
R_{YB}	207, 0, 5
Decimal	13565957
CIE Lab	43.18, 68.52, 55.75
CIE LCh	43, 88.337, 39.132
Yxy	13.2764, 0.6379, 0.3287
Android (android.graphics.Color)	4291756037 (0xFFCF0005)
YUV	62.4630, -28.3293, 126.7589
Hunter-Lab	36.4368, 62.4565, 23.3106

Details

The Yxy color **13.2764, 0.6379, 0.3287** 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 **48.9022, 0.2267, 0.3362**, and the grayscale version is **4.9183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2011, 0.5640, 0.3513**, and **5.7508, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.2801, 0.6378, 0.3287**, and if you desaturate by 10%, it is **13.8658, 0.6193, 0.3280**.

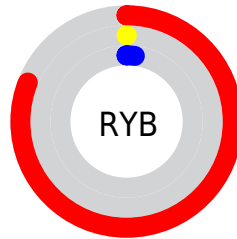
Distribution



Red (81%)

Green (0%)

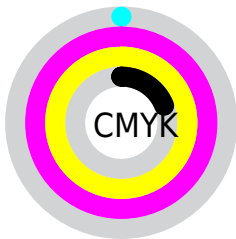
Blue (2%)



Red (81%)

Yellow (0%)

Blue (2%)

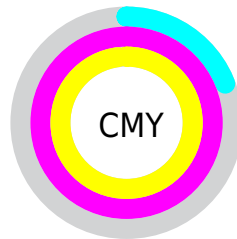


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (19%)



Cyan (19%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 13.2764, 0.6379, 0.3287 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 13.2764, 0.6379, 0.3287 by changing the saturation by 10% instead.


 13.2764, 0.6379,
0.3287


 13.2764, 0.6379,
0.3287


 212.6816, 0.4581,
0.3557


 7.6192, 0.6849,
0.3110


 31.7995, 0.5732,
0.3483


 3.8522, 0.7253,
0.2747

 45.4341, 0.5481,
0.3525


 1.5913, 0.7780,
0.2220

 62.4966, 0.5269,
0.3549

 0.3517, 0.8819,
0.1181

 83.3714, 0.5088,
0.3560


 0.0000, 1.0000,
0.0000


 108.4429, 0.4933,
0.3565


 0.0000, 0.0000,
0.0000

 138.0955, 0.4800,

0.3565


 172.7136, 0.4683,
0.3562


 13.2764, 0.6379,
0.3287

 13.2764, 0.6379,
0.3287


 13.2801, 0.6378,
0.3287

 13.8658, 0.6193,
0.3280

 15.0759, 0.5861,
0.3269

 17.1151, 0.5422,
0.3263

 20.0958, 0.4948,
0.3261

 24.1132, 0.4498,
0.3263

■ 29.2507, 0.4105,
0.3267

■ 35.5835, 0.3778,
0.3273

■ 43.1801, 0.3511,
0.3279

■ 52.1037, 0.3298,
0.3284

Harmonies

Analogous

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



13.2764, 0.5748, 0.2503



13.2764, 0.6379, 0.3287



13.2764, 0.5740, 0.4260

Triad

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



13.2764, 0.6379, 0.3287



13.2764, 0.1778, 0.6045



13.2764, 0.1231, 0.1103

Complementary

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



13.2764, 0.6379, 0.3287



48.9022, 0.2267, 0.3362

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.



13.2764, 0.0792, 0.1237



13.2764, 0.6379, 0.3287



13.2764, 0.0943, 0.3481

Square

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



13.2764, 0.6379, 0.3287



13.2764, 0.3055, 0.6735



13.2764, 0.0689, 0.1852



13.2764, 0.2203, 0.1281

Rectangle

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



13.2764, 0.6379, 0.3287



13.2764, 0.4912, 0.5088



13.2764, 0.0689, 0.1852



13.2764, 0.1039, 0.1110

Sweetspot

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



13.2801, 0.6378, 0.3287



56.6101, 0.3788, 0.3272



16.8028, 0.3125, 0.1495



11.1451, 0.3921, 0.3270



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.



13.2801, 0.6378, 0.3287



21.2736, 0.6384, 0.3290



21.7470, 0.5517, 0.4002



11.8128, 0.3287, 0.3285



8.3668, 0.6372, 0.3284



0.4695, 0.6279, 0.3232

Inverse Universe

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



13.2801, 0.6378, 0.3287



21.2736, 0.6384, 0.3290



15.7476, 0.1800, 0.1678



11.8128, 0.3287, 0.3285



8.3668, 0.6372, 0.3284



0.4695, 0.6279, 0.3232

Previews

White Background



This preview shows how the Yxy color 13.2764, 0.6379, 0.3287 looks on a white background.

Color Contrast Check

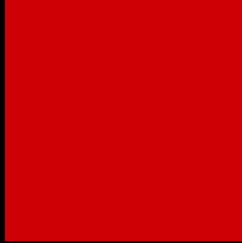
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2764, 0.6379, 0.3287 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 13.2764, 0.6379, 0.3287

Background



This preview shows how black text looks on a background with the Yxy color 13.2764, 0.6379, 0.3287.



This preview shows how white text looks on a background with the Yxy color 13.2764, 0.6379, 0.3287.

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

13.2764, 0.6379, 0.3287

Protanopia

13.9642, 0.4249, 0.4715

Deuteranopia

13.8292, 0.4700, 0.4650

Trichromacy



Original Color

13.2764, 0.6379, 0.3287

Protanomaly

10.5454, 0.5420, 0.3888

Deuteranomaly

10.9303, 0.5677, 0.3857

Monochromacy



Original Color

13.2764, 0.6379, 0.3287

Achromatopsia

4.8172, 0.3127, 0.3290

Achromatomaly

5.2560, 0.5080, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.2764, 0.6379, 0.3287 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, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 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(207, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 5) }
```

Border

The CSS property to change the border of an element to Yxy 13.2764, 0.6379, 0.3287 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, 0, 5) }
```

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

```
.border{ border-color:rgb(207, 0, 5) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(207, 0, 5); box-shadow:4px  
4px 4px 4px rgb(207, 0, 5) }
```

Background

The CSS property to change the background color of an element to Yxy 13.2764, 0.6379, 0.3287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 5) }
```

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

```
.background{ background-color: rgb(207, 0,  
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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