

Converting Colors

$Yxy(13.6074, 0.6327, 0.3259)$

Have a look what the booklet for
Yxy(13.6074, 0.6327, 0.3259)
contains.

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Color

Yxy(13.5927, 0.6327, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	D10010
RGB	209, 0, 16
RGB Percent	82%, 0%, 6%
CMY	0.1804, 0.9999, 0.9369
CMYK	0.00, 1.00, 0.92, 0.18
HSL	355°, 100%, 41%
HSV	355°, 100%, 82%
XYZ	26.3888, 13.5927, 1.7267
YIQ	64.3150, 119.4280, 49.2840

Conversions

Conversions Part 2

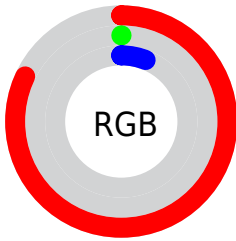
Format	Color
R_{YB}	209, 0, 16
Decimal	13697040
CIE Lab	43.64, 69.10, 52.59
CIE LCh	44, 86.835, 37.270
Yxy	13.5927, 0.6327, 0.3259
Android (android.graphics.Color)	4291887120 (0xFFD10010)
YUV	64.3150, -23.8193, 126.8887
Hunter-Lab	36.8683, 63.2434, 23.0310

Details

The Yxy color **13.5927, 0.6327, 0.3259** 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 **49.4483, 0.2314, 0.3529**, and the grayscale version is **5.2038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2857, 0.5569, 0.3463**, and **5.9293, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.5930, 0.6327, 0.3259**, and if you desaturate by 10%, it is **14.2126, 0.6103, 0.3228**.

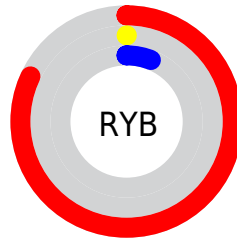
Distribution



Red (82%)

Green (0%)

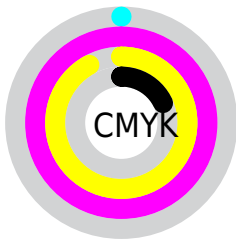
Blue (6%)



Red (82%)

Yellow (0%)

Blue (6%)

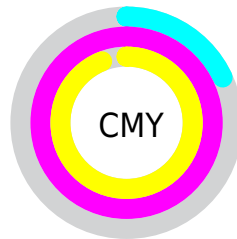


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (18%)



Cyan (18%)


Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5927, 0.6327, 0.3259 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 13.5927, 0.6327, 0.3259 by changing the saturation by 10% instead.


 13.5927, 0.6327,
0.3259


 13.5927, 0.6327,
0.3259


214.6821, 0.4543,
0.3522


 7.8379, 0.6773,
0.3078


 32.3646, 0.5675,
0.3444


 3.9914, 0.7247,
0.2753

 46.1505, 0.5426,
0.3485


 1.6688, 0.7766,
0.2234

 63.3822, 0.5216,
0.3508

 0.4033, 0.8727,
0.1273

 84.4441, 0.5038,
0.3520


 0.0000, 1.0000,
0.0000


 109.7207, 0.4887,
0.3526

 0.0000, 0.0000,
0.0000


 139.5963, 0.4756,


0.3527

 174.4553, 0.4642,
0.3525

 13.5927, 0.6327,
0.3259


 13.5927, 0.6327,
0.3259

 13.5930, 0.6327,
0.3259

 14.2126, 0.6103,
0.3228

 15.4717, 0.5748,
0.3199

 17.5740, 0.5308,
0.3184

 20.6330, 0.4849,
0.3184

 24.7444, 0.4422,
0.3194

■ 29.9924, 0.4051,
0.3211

■ 36.4526, 0.3742,
0.3231

■ 44.1943, 0.3491,
0.3251

■ 53.2813, 0.3289,
0.3271

Harmonies

Analogous

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



13.5927, 0.5602, 0.2477



13.5927, 0.6327, 0.3259



13.5927, 0.5786, 0.4214

Triad

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



13.5927, 0.6327, 0.3259



13.5927, 0.1888, 0.6086



13.5927, 0.1220, 0.1132

Complementary

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



13.5927, 0.6327, 0.3259



49.4483, 0.2314, 0.3529

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.



13.5927, 0.0806, 0.1290



13.5927, 0.6327, 0.3259



13.5927, 0.1014, 0.3629

Square

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



13.5927, 0.6327, 0.3259



13.5927, 0.3168, 0.6623



13.5927, 0.0724, 0.1949



13.5927, 0.2143, 0.1290

Rectangle

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



13.5927, 0.6327, 0.3259



13.5927, 0.4993, 0.5007



13.5927, 0.0724, 0.1949



13.5927, 0.1037, 0.1146

Sweetspot

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



13.5936, 0.6327, 0.3259



56.7769, 0.3752, 0.3230



15.7565, 0.2999, 0.1426



11.1829, 0.3877, 0.3222



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.



13.5936, 0.6327, 0.3259



21.3091, 0.6339, 0.3266



20.3877, 0.5663, 0.3886



11.8228, 0.3279, 0.3272



8.3867, 0.6309, 0.3249



0.4742, 0.6034, 0.3098

Inverse Universe

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



13.5936, 0.6327, 0.3259



21.3091, 0.6339, 0.3266



18.5048, 0.1848, 0.1853



11.8228, 0.3279, 0.3272



8.3867, 0.6309, 0.3249



0.4742, 0.6034, 0.3098

Previews

White Background



This preview shows how the Yxy color 13.5927, 0.6327, 0.3259 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 13.5927, 0.6327, 0.3259 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 13.5927, 0.6327, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 13.5927, 0.6327, 0.3259.



This preview shows how white text looks on a background with the Yxy color 13.5927, 0.6327, 0.3259.

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

13.5927, 0.6327, 0.3259

Protanopia

14.2810, 0.4187, 0.4625

Deuteranopia

14.1009, 0.4696, 0.4653



Tritanopia

13.8756, 0.6337, 0.3350

Trichromacy



Original Color

13.5927, 0.6327, 0.3259

Protanomaly

10.6775, 0.5345, 0.3810

Deuteranomaly

11.2570, 0.5655, 0.3843

Tritanomaly

13.6860, 0.6339, 0.3314

Monochromacy



Original Color

13.5927, 0.6327, 0.3259

Achromatopsia

5.1269, 0.3127, 0.3290

Achromatomaly

5.5730, 0.4931, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5927, 0.6327, 0.3259 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(209, 0, 16)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 16)  
}
```

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(209, 0, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 16) }
```

Border

The CSS property to change the border of an element to Yxy 13.5927, 0.6327, 0.3259 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(209, 0, 16) }
```

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

```
.border{ border-color:rgb(209, 0, 16) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 16);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 16)  
}
```


Background

The CSS property to change the background color of an element to Yxy 13.5927, 0.6327, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 16) }
```

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

```
.background{ background-color: rgb(209, 0,  
16) }
```

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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