

Converting Colors

$Yxy(13.9192, 0.5793, 0.2965)$

Have a look what the booklet for
Yxy(13.9192, 0.5793, 0.2965)
contains.

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Color

Yxy(13.9031, 0.5795, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	D1003E
RGB	209, 0, 62
RGB Percent	82%, 0%, 24%
CMY	0.1804, 0.9998, 0.7569
CMYK	0.00, 1.00, 0.70, 0.18
HSL	342°, 100%, 41%
HSV	342°, 100%, 82%
XYZ	27.1640, 13.9031, 5.8078
YIQ	69.5590, 104.6620, 63.5900

Conversions

Conversions Part 2

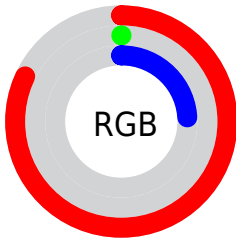
Format	Color
RYB	209, 0, 62
Decimal	13697086
CIELab	44.09, 70.32, 28.32
CIELCh	44, 75.813, 21.938
Yxy	13.9031, 0.5795, 0.2966
Android (android.graphics.Color)	4291887166 (0xFFD1003E)
YUV	69.5590, -3.7266, 122.2898
Hunter-Lab	37.2869, 64.7878, 16.8658

Details

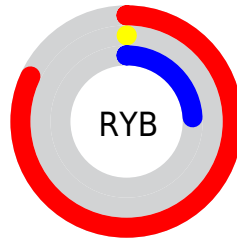
The Yxy color **13.9031, 0.5795, 0.2966** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **47.7097, 0.2526, 0.4293**, and the grayscale version is **6.0450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1805, 0.5033, 0.3098**, and **6.1651, 0.6173, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **13.9028, 0.5795, 0.2966**, and if you desaturate by 10%, it is **14.6211, 0.5487, 0.2877**.

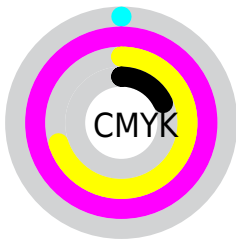
Distribution



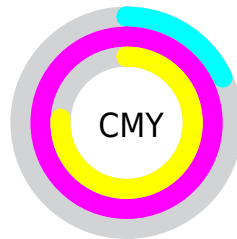
- Red (82%)
- Green (0%)
- Blue (24%)



- Red (82%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9031, 0.5795, 0.2966 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 13.9031, 0.5795, 0.2966 by changing the saturation by 10% instead.


 13.9031, 0.5795,
0.2966


 13.9031, 0.5795,
0.2966


216.6272, 0.4227,
0.3263


 8.0533, 0.6247,
0.2821


 32.9170, 0.5173,
0.3121


 4.1291, 0.6838,
0.2583

 46.8499, 0.4954,
0.3163


 1.7460, 0.7771,
0.2229

 64.2459, 0.4775,
0.3194

 0.4532, 0.8664,
0.1336

 85.4895, 0.4627,
0.3216

 0.0000, 1.0000,
0.0000

 110.9650, 0.4503,
0.3233

 0.0000, 0.0000,
0.0000

 141.0569, 0.4397,

0.3246

176.1495, 0.4306,
0.3256

■ 13.9031, 0.5795,
0.2966

■ 13.9031, 0.5795,
0.2966

■ 13.9028, 0.5795,
0.2966

■ 14.6211, 0.5487,
0.2877

■ 15.9623, 0.5135,
0.2824

■ 18.1245, 0.4766,
0.2817

■ 21.2162, 0.4414,
0.2849

■ 25.3290, 0.4097,
0.2906

■ 30.5435, 0.3824,
0.2979

■ 36.9322, 0.3595,
0.3059

■ 44.5613, 0.3407,
0.3139

■ 53.4920, 0.3252,
0.3217

Harmonies

Analogous

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



13.9031, 0.4533, 0.2223



13.9031, 0.5795, 0.2966



13.9031, 0.5908, 0.3779

Triad

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



13.9031, 0.5795, 0.2966



13.9031, 0.2685, 0.6199



13.9031, 0.1129, 0.1347

Complementary

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



13.9031, 0.5795, 0.2966



47.7097, 0.2526, 0.4293

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.



13.9031, 0.0904, 0.1728



13.9031, 0.5795, 0.2966



13.9031, 0.1601, 0.4701

Square

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



13.9031, 0.5795, 0.2966



13.9031, 0.3950, 0.5882



13.9031, 0.1016, 0.2766



13.9031, 0.1742, 0.1342

Rectangle

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



13.9031, 0.5795, 0.2966



13.9031, 0.5474, 0.4438



13.9031, 0.1016, 0.2766



13.9031, 0.1017, 0.1424

Sweetspot

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



13.9040, 0.5795, 0.2966



57.5256, 0.3603, 0.3056



10.7441, 0.2457, 0.1127



11.3550, 0.3696, 0.3022



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.



13.9040, 0.5795, 0.2966



21.7762, 0.5823, 0.2982



15.1996, 0.6188, 0.3468



11.8651, 0.3245, 0.3221



8.5872, 0.5758, 0.2946



0.4941, 0.5227, 0.2653

Inverse Universe

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



13.9040, 0.5795, 0.2966



21.7762, 0.5823, 0.2982



32.3177, 0.2064, 0.2629



11.8651, 0.3245, 0.3221



8.5872, 0.5758, 0.2946



0.4941, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 13.9031, 0.5795, 0.2966 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 13.9031, 0.5795, 0.2966 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 13.9031, 0.5795, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 13.9031, 0.5795, 0.2966.



This preview shows how white text looks on a background with the Yxy color 13.9031, 0.5795, 0.2966.

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

13.9031, 0.5795, 0.2966

Protanopia

14.5255, 0.3400, 0.3587

Deuteranopia

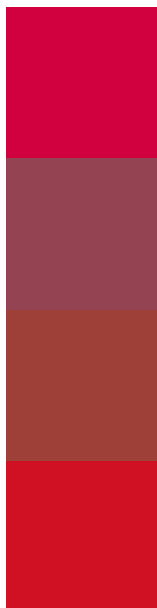
14.3806, 0.4270, 0.4197



Tritanopia

14.1557, 0.6212, 0.3320

Trichromacy



Original Color

13.9031, 0.5795, 0.2966

Protanomaly

10.8114, 0.4387, 0.3055

Deuteranomaly

11.3232, 0.5073, 0.3410

Tritanomaly

13.9018, 0.6123, 0.3212

Monochromacy



Original Color

13.9031, 0.5795, 0.2966

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

6.3470, 0.4431, 0.2859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9031, 0.5795, 0.2966 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, 62)` looks like.

```
.text, #text, p{  
  color:rgb(209, 0, 62)  
}
```

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, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 62) }
```

Border

The CSS property to change the border of an element to Yxy 13.9031, 0.5795, 0.2966 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, 62) }
```

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

```
.border{ border-color:rgb(209, 0, 62) }
```

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, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 62)  
}
```


Background

The CSS property to change the background color of an element to Yxy 13.9031, 0.5795, 0.2966 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, 62) }
```

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

```
.background{ background-color: rgb(209, 0,  
62) }
```

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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