

Converting Colors

XYZ(26.6702, 13.6261, 6.7992)

Have a look what the booklet for
XYZ(26.6702, 13.6261, 6.7992)
contains.

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Color

**XYZ(26.8063, 13.6951,
6.8608)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0045
RGB	207, 0, 69
RGB Percent	81%, 0%, 27%
CMY	0.1882, 0.9998, 0.7294
CMYK	0.00, 1.00, 0.67, 0.19
HSL	340°, 100%, 41%
HSV	340°, 100%, 81%
XYZ	26.8063, 13.6951, 6.8608
YIQ	69.7590, 101.2230, 65.3430

Conversions

Conversions Part 2

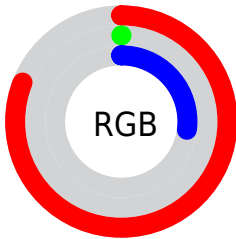
Format	Color
R_{YB}	207, 0, 69
Decimal	13566021
CIE Lab	43.79, 70.17, 23.50
CIE LCh	44, 74.002, 18.519
Yxy	13.6951, 0.5660, 0.2892
Android (android.graphics.Color)	4291756101 (0xFFCF0045)
YUV	69.7590, -0.3742, 120.3604
Hunter-Lab	37.0069, 64.5361, 14.9129

Details

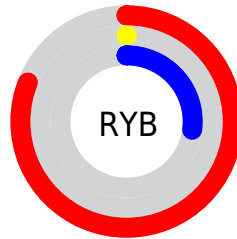
The XYZ color **26.8063, 13.6951, 6.8608** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26.9039, 46.4619, 31.6116**, and the grayscale version is **5.7744, 6.0751, 6.6158**.

A 20% lighter version of the original color is **47.8591, 29.3607, 19.9744**, and **11.6994, 6.0084, 1.5800** is the 20% darker color. If you saturate the color by 10%, you get **26.8052, 13.6946, 6.8559**, and if you desaturate by 10%, it is **27.5492, 14.4138, 9.4740**.

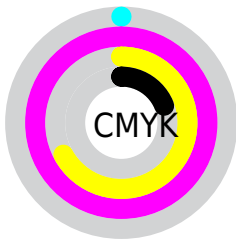
Distribution



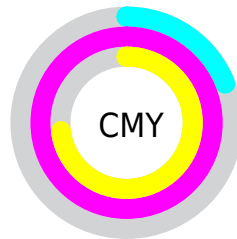
- Red (81%)
- Green (0%)
- Blue (27%)



- Red (81%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8063, 13.6951, 6.8608 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 XYZ color 26.8063, 13.6951, 6.8608 by changing the saturation by 10% instead.

 26.8063, 13.6951,
6.8608

 26.8063, 13.6951,
6.8608

278.9027,
215.3257, 176.0888


 17.5636, 7.9089,
3.2981


 53.9950, 32.5470,
20.2007


 10.7349, 4.0367,
1.2488


 72.6717, 46.3816,
30.8150


 5.9549, 1.6941,
0.0192


 95.2238, 63.6677,
44.6168

 2.8581, 0.4198,
0.0000

 122.0167, 84.7898,
62.0248

 1.0791, 0.0000,
0.0000

 153.4156,
110.1322, 83.4574

 0.0076, 0.0000,
0.0000

 189.7861,

 0.0000, 0.0000,

140.0794, 109.3333

0.0000

231.4933,
175.0158, 140.0709

■ 26.8063, 13.6951,
6.8608

■ 26.8063, 13.6951,
6.8608

■ 26.8052, 13.6946,
6.8559

■ 27.5492, 14.4138,
9.4740

■ 28.6797, 15.7379,
12.7393

■ 30.2993, 17.8610,
16.7195

■ 32.4648, 20.8887,
21.4600

■ 35.2251, 24.9099,
27.0019

■ 38.6229, 30.0030,
33.3831

■ 42.6971, 36.2384,
40.6386

■ 47.4832, 43.6805,
48.8013

■ 53.0144, 52.3888,
57.9025

Harmonies

Analogous

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



27.3871, 13.6951, 22.2599



26.8063, 13.6951, 6.8608



21.9458, 13.6951, 1.4725

Triad

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



26.8063, 13.6951, 6.8608



6.2939, 13.6951, 2.1520



10.9101, 13.6951, 73.7108

Complementary

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



26.8063, 13.6951, 6.8608



26.9039, 46.4619, 31.6116

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.



6.9128, 13.6951, 54.2268



26.8063, 13.6951, 6.8608



4.8304, 13.6951, 9.3898

Square

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



26.8063, 13.6951, 6.8608



9.7703, 13.6951, 0.3729



5.0168, 13.6951, 27.6135



16.9129, 13.6951, 70.7893

Rectangle

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



26.8063, 13.6951, 6.8608



17.5696, 13.6951, 0.4644



5.0168, 13.6951, 27.6135



9.3274, 13.6951, 69.1981

Sweetspot

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



26.8066, 13.6960, 6.8610



68.1578, 57.6592, 64.6569



21.7465, 9.9105, 59.7978



13.9670, 11.3860, 12.7448



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8066, 13.6960, 6.8610



42.8782, 21.9153, 10.5569



26.3197, 14.4404, 1.4014



11.9689, 11.8723, 13.1120



16.9281, 8.6441, 4.5274



0.9830, 0.4979, 0.4455

Inverse Universe

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



26.8066, 13.6960, 6.8610



42.8782, 21.9153, 10.5569



26.1122, 34.2036, 64.2568



11.9689, 11.8723, 13.1120



16.9281, 8.6441, 4.5274



0.9830, 0.4979, 0.4455

Previews

White Background



This preview shows how the XYZ color 26.8063, 13.6951, 6.8608 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 XYZ color 26.8063, 13.6951, 6.8608 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](#).

XYZ 26.8063, 13.6951, 6.8608

Background



This preview shows how black text looks on a background with the XYZ color 26.8063, 13.6951, 6.8608.



This preview shows how white text looks on a background with the XYZ color 26.8063, 13.6951,

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

26.8063, 13.6951, 6.8608

Protanopia

13.7565, 14.3137, 14.6081

Deuteranopia

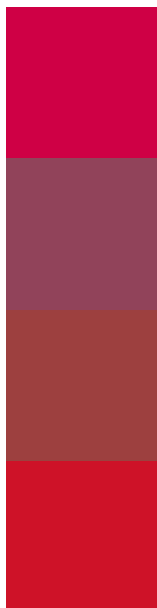
14.5226, 14.3007, 6.2699



Tritanopia

26.0337, 14.0183, 2.1978

Trichromacy



Original Color

26.8063, 13.6951, 6.8608

Protanomaly

15.5297, 10.7722, 10.9336

Deuteranomaly

16.6352, 11.1938, 5.9865

Tritanomaly

26.0529, 13.7076, 3.2802

Monochromacy



Original Color

26.8063, 13.6951, 6.8608

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.7896, 6.3120, 6.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8063, 13.6951, 6.8608 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 69)  
}
```

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, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 69) }
```

Border

The CSS property to change the border of an element to XYZ 26.8063, 13.6951, 6.8608 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, 69) }
```


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

```
.border{ border-color:rgb(207, 0, 69) }
```

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, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 69);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 69)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8063, 13.6951, 6.8608 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, 69) }
```

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

```
.background{ background-color: rgb(207, 0,  
69) }
```

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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