

Converting Colors

XYZ(26.6016, 13.9291, 4.8085)

Have a look what the booklet for
XYZ(26.6016, 13.9291, 4.8085)
contains.

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Color

**XYZ(26.5984, 13.9326,
4.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1136
RGB	207, 17, 54
RGB Percent	81%, 7%, 21%
CMY	0.1882, 0.9332, 0.7882
CMYK	0.00, 0.92, 0.74, 0.19
HSL	348°, 85%, 44%
HSV	348°, 92%, 81%
XYZ	26.5984, 13.9326, 4.7774
YIQ	78.0280, 101.3630, 51.7870

Conversions

Conversions Part 2

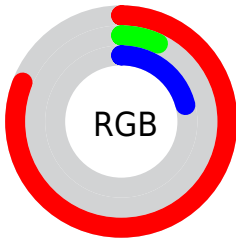
Format	Color
R_{YB}	207, 17, 54
Decimal	13570358
CIE _{Lab}	44.14, 67.84, 33.14
CIE _{LCh}	44, 75.502, 26.037
Yxy	13.9326, 0.5871, 0.3075
Android (android.graphics.Color)	4291760438 (0xFFCF1136)
YUV	78.0280, -11.8458, 113.1084
Hunter-Lab	37.3264, 61.8760, 18.5400

Details

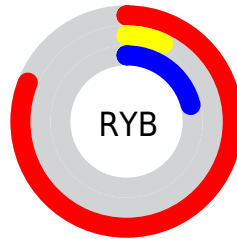
The XYZ color **26.5984, 13.9326, 4.7774** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **29.8028, 47.6481, 45.6708**, and the grayscale version is **7.2580, 7.6359, 8.3155**.

A 20% lighter version of the original color is **47.3300, 29.6818, 15.5465**, and **11.5680, 5.9558, 0.8877** is the 20% darker color. If you saturate the color by 10%, you get **26.1198, 13.4204, 3.2467**, and if you desaturate by 10%, it is **27.5433, 15.0851, 7.3662**.

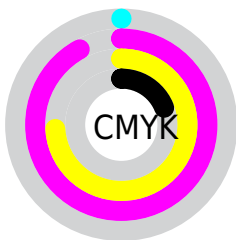
Distribution



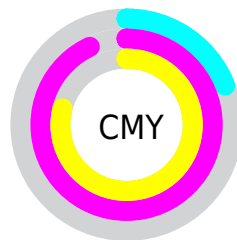
- Red (81%)
- Green (7%)
- Blue (21%)



- Red (81%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (92%)
- Yellow (74%)
- Black (19%)





- Cyan (19%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5984, 13.9326, 4.7774 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 26.5984, 13.9326, 4.7774 by changing the saturation by 10% instead.


 26.5984, 13.9326,
4.7774


 26.5984, 13.9326,
4.7774

277.9105,
216.8111, 156.5097


 17.4069, 8.0738,
2.0608


 53.6632, 32.9694,
15.7663


 10.6221, 4.1422,
0.5923


 72.2672, 46.9162,
24.8757

 5.8787, 1.7534,
0.0000

 94.7393, 64.3277,
36.9532

 2.8114, 0.4579,
0.0000

 121.4451, 85.5885,
52.4172

 1.0549, 0.0000,
0.0000

 152.7497,
111.0828, 71.6863

 0.0000, 0.0000,
0.0000

 189.0186,

141.1951, 95.1791

230.6170,
176.3097, 123.3140

■ 26.5984, 13.9326,
4.7774

■ 26.5984, 13.9326,
4.7774

■ 26.1198, 13.4204,
3.2467

■ 27.5433, 15.0851,
7.3662

■ 29.0011, 17.0287,
10.8489

■ 31.0367, 19.8758,
15.3012

■ 33.7048, 23.7198,
20.7904

■ 37.0534, 28.6424,
27.3773

■ 41.1259, 34.7169,
35.1181

■ 45.9620, 42.0100,
44.0649

■ 51.5986, 50.5834,
54.2669

■ 58.0701, 60.4947,
65.7702

Harmonies

Analogous

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



28.4661, 13.9326, 17.5776



26.5984, 13.9326, 4.7774



20.8161, 13.9326, 0.9421

Triad

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



26.5984, 13.9326, 4.7774



5.7768, 13.9326, 3.1665



12.4589, 13.9326, 78.0655

Complementary

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



26.5984, 13.9326, 4.7774



29.8028, 47.6481, 45.6708

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.



7.7728, 13.9326, 62.6009



26.5984, 13.9326, 4.7774



4.7280, 13.9326, 12.9934

Square

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



26.5984, 13.9326, 4.7774



8.7848, 13.9326, 0.5773



5.3289, 13.9326, 34.8632



18.9992, 13.9326, 68.6795

Rectangle

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



26.5984, 13.9326, 4.7774



16.2355, 13.9326, 0.1976



5.3289, 13.9326, 34.8632



10.6420, 13.9326, 75.4136

Sweetspot

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



26.5987, 13.9335, 4.7776



68.4324, 59.4290, 60.9855



27.8267, 13.3424, 60.1398



13.9665, 11.6975, 11.7819



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.



26.5987, 13.9335, 4.7776



41.8077, 21.4871, 4.9194



28.2835, 18.2062, 2.5550



11.9014, 11.8453, 12.7568



16.4835, 8.4662, 2.1862



0.9500, 0.4847, 0.2715

Inverse Universe

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



26.5987, 13.9335, 4.7776



41.8077, 21.4871, 4.9194



22.4018, 26.4398, 62.9537



11.9014, 11.8453, 12.7568



16.4835, 8.4662, 2.1862



0.9500, 0.4847, 0.2715

Previews

White Background



This preview shows how the XYZ color 26.5984, 13.9326, 4.7774 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 26.5984, 13.9326, 4.7774 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 26.5984, 13.9326, 4.7774

Background



This preview shows how black text looks on a background with the XYZ color 26.5984, 13.9326, 4.7774.



This preview shows how white text looks on a background with the XYZ color 26.5984, 13.9326,

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

26.5984, 13.9326, 4.7774

Protanopia

13.4121, 14.3980, 9.6616

Deuteranopia

14.6054, 14.3873, 4.2927



Tritanopia

25.9904, 13.9636, 2.0845

Trichromacy



Original Color

26.5984, 13.9326, 4.7774

Protanomaly

15.6187, 11.5555, 7.3685

Deuteranomaly

17.0013, 11.9565, 4.1011

Tritanomaly

26.0487, 13.8501, 2.8138

Monochromacy



Original Color

26.5984, 13.9326, 4.7774

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

10.9458, 7.6180, 6.5237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5984, 13.9326, 4.7774 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, 17, 54)` looks like.

```
.text, #text, p{  
    color:rgb(207, 17, 54)  
}
```

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, 17, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 17, 54) }
```

Border

The CSS property to change the border of an element to XYZ 26.5984, 13.9326, 4.7774 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, 17, 54) }
```


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

```
.border{ border-color:rgb(207, 17, 54) }
```

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

Here you see how a box with a 4 pixel rgb(207, 17, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 17, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 17, 54);  
box-shadow:4px 4px 4px 4px rgb(207, 17,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5984, 13.9326, 4.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 17, 54) }
```

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

```
.background{ background-color: rgb(207, 17,  
54) }
```

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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