

Converting Colors

XYZ(26.6587, 14.0594, 4.7778)

Have a look what the booklet for
XYZ(26.6587, 14.0594, 4.7778)
contains.

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Color

**XYZ(26.6661, 14.0681,
4.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1536
RGB	207, 21, 54
RGB Percent	81%, 8%, 21%
CMY	0.1882, 0.9175, 0.7882
CMYK	0.00, 0.90, 0.74, 0.19
HSL	349°, 82%, 45%
HSV	349°, 90%, 81%
XYZ	26.6661, 14.0681, 4.8000
YIQ	80.3760, 100.2630, 49.6950

Conversions

Conversions Part 2

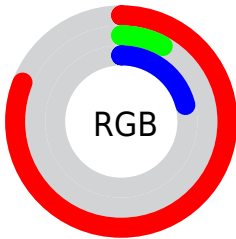
Format	Color
RYB	207, 21, 54
Decimal	13571382
CIELab	44.33, 67.28, 33.37
CIELCh	44, 75.098, 26.379
Yxy	14.0681, 0.5856, 0.3090
Android (android.graphics.Color)	4291761462 (0xFFCF1536)
YUV	80.3760, -13.0034, 111.0492
Hunter-Lab	37.5075, 61.2673, 18.6676

Details

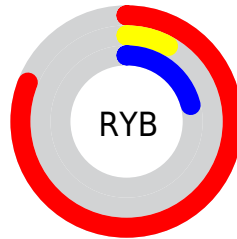
The XYZ color **26.6661, 14.0681, 4.8000** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **30.2651, 47.8420, 47.6974**, and the grayscale version is **7.7121, 8.1137, 8.8358**.

A 20% lighter version of the original color is **47.5033, 30.0283, 15.6043**, and **11.5680, 5.9558, 0.8877** is the 20% darker color. If you saturate the color by 10%, you get **26.0689, 13.4058, 2.9614**, and if you desaturate by 10%, it is **27.6885, 15.3573, 7.4713**.

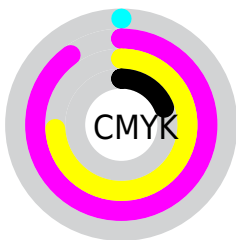
Distribution



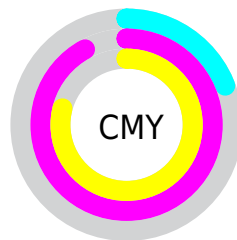
- Red (81%)
- Green (8%)
- Blue (21%)



- Red (81%)
- Yellow (8%)
- Blue (21%)



- Cyan (0%)
- Magenta (90%)
- Yellow (74%)
- Black (19%)





- Cyan (19%)
- Magenta (92%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6661, 14.0681, 4.8000 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 26.6661, 14.0681, 4.8000 by changing the saturation by 10% instead.

 26.6661, 14.0681,
4.8000


 26.6661, 14.0681,
4.8000


278.2339,
217.6541, 156.7408


 17.4579, 8.1680,
2.0737


 53.7713, 33.2098,
15.8164


 10.6588, 4.2027,
0.6001


 72.3990, 47.2203,
24.9436

 5.9035, 1.7876,
0.0000

 94.8972, 64.7030,
37.0415

 2.8266, 0.4794,
0.0000

 121.6313, 86.0423,
52.5287

 1.0627, 0.0000,
0.0000

 152.9667,
111.6227, 71.8237

 0.0000, 0.0000,
0.0000

 189.2687,

141.8285, 95.3450

230.9026,
177.0442, 123.5112

■ 26.6661, 14.0681,
4.8000

■ 26.6661, 14.0681,
4.8000

■ 26.0689, 13.4058,
2.9614

■ 27.6885, 15.3573,
7.4713

■ 26.0611, 13.3970,
2.9380

■ 29.2418, 17.4628,
11.0751

■ 31.3894, 20.4932,
15.6901

■ 34.1852, 24.5394,
21.3862

■ 37.6770, 29.6817,
28.2269

■ 41.9081, 35.9921,
36.2707

■ 46.9180, 43.5366,
45.5721

■ 52.7437, 52.3763,
56.1822

■ 59.4195, 62.5679,
68.1493

Harmonies

Analogous

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



28.5848, 14.0681, 17.5103



26.6661, 14.0681, 4.8000



20.8659, 14.0681, 0.9716

Triad

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



26.6661, 14.0681, 4.8000



5.8586, 14.0681, 3.3127



12.6529, 14.0681, 78.0155

Complementary

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



26.6661, 14.0681, 4.8000



30.2651, 47.8420, 47.6974

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.



7.9280, 14.0681, 62.8823



26.6661, 14.0681, 4.8000



4.8220, 14.0681, 13.3164

Square

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



26.6661, 14.0681, 4.8000



8.8565, 14.0681, 0.6399



5.4466, 14.0681, 35.2923



19.2069, 14.0681, 68.4092

Rectangle

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



26.6661, 14.0681, 4.8000



16.2892, 14.0681, 0.2409



5.4466, 14.0681, 35.2923



10.8245, 14.0681, 75.4773

Sweetspot

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



26.6664, 14.0690, 4.8002



69.0648, 60.5348, 61.6865



28.7435, 13.9157, 60.2019



14.2284, 12.1254, 12.1646



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.



26.6664, 14.0690, 4.8002



41.7177, 21.4511, 4.4457



28.7302, 19.0450, 2.8726



11.8931, 11.8420, 12.7128



16.4447, 8.4507, 1.9820



0.9461, 0.4832, 0.2511

Inverse Universe

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



26.6664, 14.0690, 4.8002



41.7177, 21.4511, 4.4457



22.1791, 25.8785, 62.8570



11.8931, 11.8420, 12.7128



16.4447, 8.4507, 1.9820



0.9461, 0.4832, 0.2511

Previews

White Background



This preview shows how the XYZ color 26.6661, 14.0681, 4.8000 looks on a white background.

Color Contrast Check

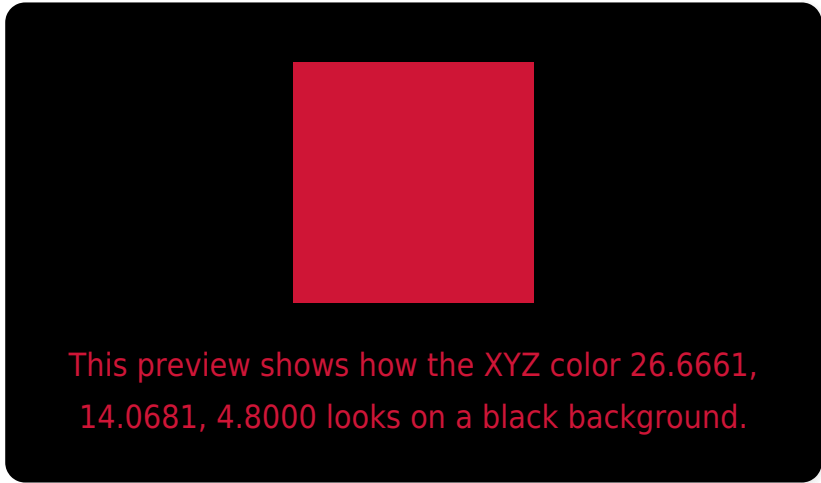
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 26.6661, 14.0681, 4.8000

Background



This preview shows how black text looks on a background with the XYZ color 26.6661, 14.0681, 4.8000.



This preview shows how white text looks on a background with the XYZ color 26.6661, 14.0681,

4.8000.

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

26.6661, 14.0681, 4.8000

Protanopia

13.5414, 14.4647, 9.6677

Deuteranopia

14.6054, 14.3873, 4.2927



Tritanopia

26.0684, 14.0707, 2.2617

Trichromacy



Original Color

26.6661, 14.0681, 4.8000

Protanomaly

15.8662, 11.7830, 7.3993

Deuteranomaly

17.1285, 12.2109, 4.1435

Tritanomaly

26.1414, 13.9880, 2.9912

Monochromacy



Original Color

26.6661, 14.0681, 4.8000

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

11.3055, 8.0185, 6.9131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6661, 14.0681, 4.8000 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, 21, 54)` looks like.

```
.text, #text, p{  
    color:rgb(207, 21, 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, 21, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 21, 54) }
```

Border

The CSS property to change the border of an element to XYZ 26.6661, 14.0681, 4.8000 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, 21, 54) }
```


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

```
.border{ border-color:rgb(207, 21, 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, 21, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 21, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 21, 54);  
box-shadow:4px 4px 4px 4px rgb(207, 21,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6661, 14.0681, 4.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 21, 54) }
```

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

```
.background{ background-color: rgb(207, 21,  
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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