

Converting Colors

XYZ(26.1332, 13.4113, 3.9715)

Have a look what the booklet for
XYZ(26.1332, 13.4113, 3.9715)
contains.

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Color

**XYZ(26.2656, 13.4788,
4.0136)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0030
RGB	207, 0, 48
RGB Percent	81%, 0%, 19%
CMY	0.1882, 0.9998, 0.8118
CMYK	0.00, 1.00, 0.77, 0.19
HSL	346°, 100%, 41%
HSV	346°, 100%, 81%
XYZ	26.2656, 13.4788, 4.0136
YIQ	67.3650, 107.9640, 58.8120

Conversions

Conversions Part 2

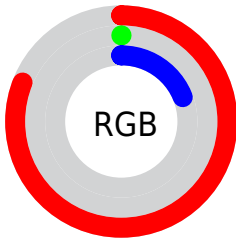
Format	Color
RYB	207, 0, 48
Decimal	13566000
CIELab	43.48, 69.31, 35.98
CIElCh	43, 78.098, 27.435
Yxy	13.4788, 0.6002, 0.3080
Android (android.graphics.Color)	4291756080 (0xFFCF0030)
YUV	67.3650, -9.5469, 122.4599
Hunter-Lab	36.7135, 63.4541, 19.2177

Details

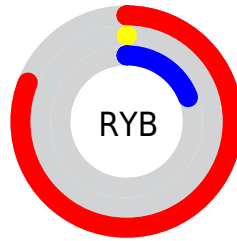
The XYZ color **26.2656, 13.4788, 4.0136** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.5750, 47.1303, 40.4118**, and the grayscale version is **5.3994, 5.6806, 6.1862**.

A 20% lighter version of the original color is **46.6686, 28.8845, 13.7052**, and **11.3496, 5.8484, 0.6455** is the 20% darker color. If you saturate the color by 10%, you get **26.2647, 13.4784, 4.0099**, and if you desaturate by 10%, it is **26.9181, 14.1613, 6.1508**.

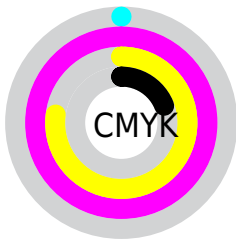
Distribution



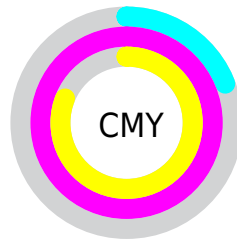
- Red (81%)
- Green (0%)
- Blue (19%)



- Red (81%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2656, 13.4788, 4.0136 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 26.2656, 13.4788, 4.0136 by changing the saturation by 10% instead.

 26.2656, 13.4788,
4.0136


 26.2656, 13.4788,
4.0136


276.3163,
213.9639, 148.3764


 17.1562, 7.7591,
1.6328


 53.1314, 32.1613,
14.0411


 10.4419, 3.9412,
0.3141


 71.6184, 45.8929,
22.5249


 5.7574, 1.6407,
0.0000

 93.9620, 63.0639,
33.8801

 2.7374, 0.3848,
0.0000

 120.5276, 84.0587,
48.5253

 1.0165, 0.0000,
0.0000

 151.6804,
109.2617, 66.8790

 0.0000, 0.0000,
0.0000

 187.7859,

139.0573, 89.3597

229.2095,
173.8299, 116.3860

■ 26.2656, 13.4788,
4.0136

■ 26.2656, 13.4788,
4.0136

■ 26.2647, 13.4784,
4.0099

■ 26.9181, 14.1613,
6.1508

■ 27.9811, 15.4584,
9.0610

■ 29.5604, 17.5655,
12.8290

■ 31.7164, 20.5893,
17.5191

■ 34.5010, 24.6202,
23.1895

■ 37.9600, 29.7378,
29.8931

■ 42.1349, 36.0135,
37.6788

■ 47.0637, 43.5126,
46.5926

■ 52.7817, 52.2956,
56.6775

Harmonies

Analogous

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



28.4287, 13.4788, 16.2282



26.2656, 13.4788, 4.0136



20.2031, 13.4788, 0.6389

Triad

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



26.2656, 13.4788, 4.0136



5.2602, 13.4788, 3.0152



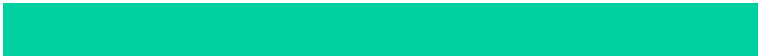
12.2944, 13.4788, 80.1250

Complementary

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



26.2656, 13.4788, 4.0136



28.5750, 47.1303, 40.4118

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.



7.4860, 13.4788, 64.9566



26.2656, 13.4788, 4.0136



4.3131, 13.4788, 13.2263

Square

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



26.2656, 13.4788, 4.0136



8.1383, 13.4788, 0.3946



4.9761, 13.4788, 36.1815



18.9985, 13.4788, 69.0857

Rectangle

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



26.2656, 13.4788, 4.0136



15.5308, 13.4788, 0.0000



4.9761, 13.4788, 36.1815



10.4292, 13.4788, 77.7629

Sweetspot

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



26.2659, 13.4797, 4.0138



67.2497, 57.2960, 59.8746



25.5035, 11.8472, 59.9735



13.7564, 11.3018, 11.6358



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.



26.2659, 13.4797, 4.0138



42.0317, 21.5767, 6.0991



27.1094, 16.0199, 1.6646



11.9194, 11.8525, 12.8512



16.5786, 8.5043, 2.6870



0.9583, 0.4880, 0.3152

Inverse Universe

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



26.2659, 13.4797, 4.0138



42.0317, 21.5767, 6.0991



22.4606, 26.9005, 63.0395



11.9194, 11.8525, 12.8512



16.5786, 8.5043, 2.6870



0.9583, 0.4880, 0.3152

Previews

White Background



This preview shows how the XYZ color 26.2656, 13.4788, 4.0136 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 26.2656, 13.4788, 4.0136 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 26.2656, 13.4788, 4.0136

Background



This preview shows how black text looks on a background with the XYZ color 26.2656, 13.4788, 4.0136.



This preview shows how white text looks on a background with the XYZ color 26.2656, 13.4788,

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

26.2656, 13.4788, 4.0136

Protanopia

13.0642, 14.0949, 8.3354

Deuteranopia

14.2206, 14.0610, 3.5546



Tritanopia

25.7585, 13.6440, 1.5631

Trichromacy



Original Color

26.2656, 13.4788, 4.0136

Protanomaly

14.9652, 10.5875, 6.1053

Deuteranomaly

16.5145, 11.1909, 3.2971

Tritanomaly

25.7624, 13.4756, 2.1074

Monochromacy



Original Color

26.2656, 13.4788, 4.0136

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

9.1507, 5.9056, 4.9326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2656, 13.4788, 4.0136 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, 48)` looks like.

```
.text, #text, p{  
  color:rgb(207, 0, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 48) }
```

Border

The CSS property to change the border of an element to XYZ 26.2656, 13.4788, 4.0136 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, 48) }
```


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

```
.border{ border-color:rgb(207, 0, 48) }
```

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, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 48)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2656, 13.4788, 4.0136 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, 48) }
```

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

```
.background{ background-color: rgb(207, 0,  
48) }
```

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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