

Converting Colors

XYZ(26.0917, 13.3947, 3.7530)

Have a look what the booklet for
XYZ(26.0917, 13.3947, 3.7530)
contains.

XYZ(26.2253, 13.4627, 3.8011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2253, 13.4627,
3.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	CF002E
RGB	207, 0, 46
RGB Percent	81%, 0%, 18%
CMY	0.1882, 0.9998, 0.8196
CMYK	0.00, 1.00, 0.78, 0.19
HSL	347°, 100%, 41%
HSV	347°, 100%, 81%
XYZ	26.2253, 13.4627, 3.8011
YIQ	67.1370, 108.6060, 58.1900

Conversions

Conversions Part 2

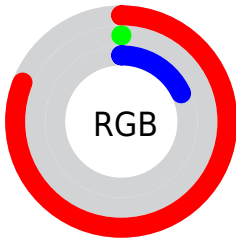
Format	Color
RYB	207, 0, 46
Decimal	13565998
CIELab	43.45, 69.25, 37.14
CIELCh	43, 78.580, 28.205
Yxy	13.4627, 0.6030, 0.3096
Android (android.graphics.Color)	4291756078 (0xFFCF002E)
YUV	67.1370, -10.4205, 122.6599
Hunter-Lab	36.6916, 63.3727, 19.5419

Details

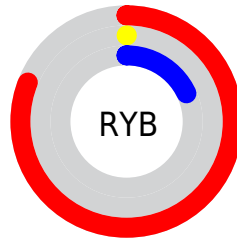
The XYZ color **26.2253, 13.4627, 3.8011** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.7502, 47.2004, 41.3342**, and the grayscale version is **5.3646, 5.6440, 6.1463**.

A 20% lighter version of the original color is **46.5800, 28.8491, 13.2386**, and **11.3332, 5.8418, 0.5590** is the 20% darker color. If you saturate the color by 10%, you get **26.2244, 13.4623, 3.7974**, and if you desaturate by 10%, it is **26.8678, 14.1413, 5.8858**.

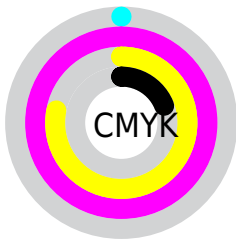
Distribution



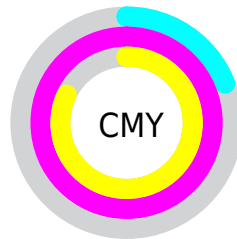
- Red (81%)
- Green (0%)
- Blue (18%)



- Red (81%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2253, 13.4627, 3.8011 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 26.2253, 13.4627, 3.8011 by changing the saturation by 10% instead.


 26.2253, 13.4627,
3.8011


 26.2253, 13.4627,
3.8011


276.1228,
213.8621, 145.9883


 17.1258, 7.7479,
1.5169


 53.0669, 32.1326,
13.5484


 10.4201, 3.9341,
0.2304


 71.5397, 45.8565,
21.8485


 5.7428, 1.6368,
0.0000

 93.8678, 63.0189,
32.9910

 2.7285, 0.3822,
0.0000

 120.4163, 84.0042,
47.3945

 1.0119, 0.0000,
0.0000

 151.5507,
109.1967, 65.4774

 0.0000, 0.0000,
0.0000

 187.6363,

138.9810, 87.6583

229.0386,
173.7413, 114.3557

■ 26.2253, 13.4627,
3.8011

■ 26.2253, 13.4627,
3.8011

■ 26.2244, 13.4623,
3.7974

■ 26.8678, 14.1413,
5.8858

■ 27.9230, 15.4352,
8.7543

■ 29.4969, 17.5401,
12.4938

■ 31.6505, 20.5630,
17.1712

■ 34.4360, 24.5944,
22.8464

■ 37.8996, 29.7139,
29.5742

■ 42.0831, 35.9930,
37.4050

■ 47.0247, 43.4973,
46.3863

■ 52.7601, 52.2873,
56.5623

Harmonies

Analogous

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



28.5358, 13.4627, 15.7403



26.2253, 13.4627, 3.8011



20.0540, 13.4627, 0.5684

Triad

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



26.2253, 13.4627, 3.8011



5.1721, 13.4627, 3.1047



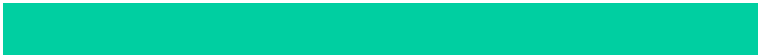
12.4307, 13.4627, 80.7669

Complementary

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



26.2253, 13.4627, 3.8011



28.7502, 47.2004, 41.3342

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.



7.5419, 13.4627, 66.0358



26.2253, 13.4627, 3.8011



4.2680, 13.4627, 13.6276

Square

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



26.2253, 13.4627, 3.8011



7.9998, 13.4627, 0.3963



4.9731, 13.4627, 37.0617



19.2045, 13.4627, 68.9587

Rectangle

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



26.2253, 13.4627, 3.8011



15.3561, 13.4627, 0.0000



4.9731, 13.4627, 37.0617



10.5373, 13.4627, 78.6172

Sweetspot

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



26.2256, 13.4636, 3.8013



67.1656, 57.2623, 59.4317



25.5036, 11.8473, 59.9737



13.7370, 11.2940, 11.5336



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.



26.2256, 13.4636, 3.8013



41.9692, 21.5517, 5.7697



27.1095, 16.0200, 1.6647



11.9147, 11.8506, 12.8266



16.5522, 8.4937, 2.5481



0.9561, 0.4872, 0.3038

Inverse Universe

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



26.2256, 13.4636, 3.8013



41.9692, 21.5517, 5.7697



22.4607, 26.9007, 63.0396



11.9147, 11.8506, 12.8266



16.5522, 8.4937, 2.5481



0.9561, 0.4872, 0.3038

Previews

White Background



This preview shows how the XYZ color 26.2253, 13.4627, 3.8011 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 26.2253, 13.4627, 3.8011

Background



This preview shows how black text looks on a background with the XYZ color 26.2253, 13.4627, 3.8011.



This preview shows how white text looks on a background with the XYZ color 26.2253, 13.4627,

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

26.2253, 13.4627, 3.8011

Protanopia

13.0965, 14.1228, 7.8301

Deuteranopia

14.3474, 14.1297, 3.4100



Tritanopia

25.7303, 13.6051, 1.4996

Trichromacy



Original Color

26.2253, 13.4627, 3.8011

Protanomaly

15.0622, 10.6471, 5.6761

Deuteranomaly

16.4813, 11.1777, 3.1226

Tritanomaly

25.7299, 13.4427, 1.9976

Monochromacy



Original Color

26.2253, 13.4627, 3.8011

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

9.1245, 5.8951, 4.7946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2253, 13.4627, 3.8011 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 46) }
```

Border

The CSS property to change the border of an element to XYZ 26.2253, 13.4627, 3.8011 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, 46) }
```


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

```
.border{ border-color:rgb(207, 0, 46) }
```

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, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 46)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2253, 13.4627, 3.8011 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, 46) }
```

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

```
.background{ background-color: rgb(207, 0,  
46) }
```

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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