

Converting Colors

XYZ(25.6096, 11.1136, 7.5780)

Have a look what the booklet for
XYZ(25.6096, 11.1136, 7.5780)
contains.

XYZ(27.0366, 13.7872, 8.0737)	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(27.0366, 13.7872,
8.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	CF004C
RGB	207, 0, 76
RGB Percent	81%, 0%, 30%
CMY	0.1882, 0.9998, 0.7020
CMYK	0.00, 1.00, 0.63, 0.19
HSL	338°, 100%, 41%
HSV	338°, 100%, 81%
XYZ	27.0366, 13.7872, 8.0737
YIQ	70.5570, 98.9760, 67.5200

Conversions

Conversions Part 2

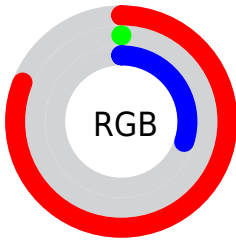
Format	Color
RYB	207, 0, 76
Decimal	13566028
CIELab	43.93, 70.53, 19.30
CIElCh	44, 73.122, 15.302
Yxy	13.7872, 0.5529, 0.2820
Android (android.graphics.Color)	4291756108 (0xFFCF004C)
YUV	70.5570, 2.6834, 119.6605
Hunter-Lab	37.1311, 64.9933, 13.0999

Details

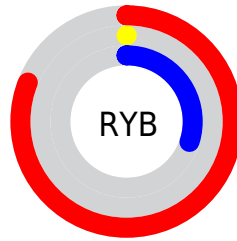
The XYZ color **27.0366, 13.7872, 8.0737** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **26.4128, 46.2654, 29.0259**, and the grayscale version is **5.9025, 6.2099, 6.7626**.

A 20% lighter version of the original color is **48.2863, 29.5316, 22.2240**, and **11.7761, 6.0391, 1.9838** is the 20% darker color. If you saturate the color by 10%, you get **27.0355, 13.7867, 8.0687**, and if you desaturate by 10%, it is **27.8029, 14.5153, 10.8102**.

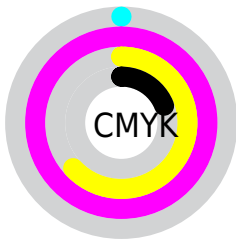
Distribution



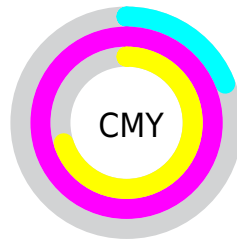
- Red (81%)
- Green (0%)
- Blue (30%)



- Red (81%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0366, 13.7872, 8.0737 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 27.0366, 13.7872, 8.0737 by changing the saturation by 10% instead.


 27.0366, 13.7872,
8.0737


 27.0366, 13.7872,
8.0737


279.9986,
215.9029, 186.2651


 17.7374, 7.9728,
4.0537


 54.3621, 32.7110,
22.6514


 10.8602, 4.0776,
1.6548


 73.1191, 46.5891,
34.0461


 6.0395, 1.7170,
0.3295


 95.7594, 63.9240,
48.7361

 2.9100, 0.4347,
0.0000

 122.6485, 85.1000,
67.1400

 1.1063, 0.0000,
0.0000

 154.1516,
110.5015, 89.6763

 0.0304, 0.0000,
0.0000

 190.6340,

 0.0000, 0.0000,

140.5129, 116.7636

0.0000

232.4613,
175.5186, 148.8203

■ 27.0366, 13.7872,
8.0737

■ 27.0366, 13.7872,
8.0737

■ 27.0355, 13.7867,
8.0687

■ 27.8029, 14.5153,
10.8102

■ 28.9488, 15.8454,
14.1566

■ 30.5747, 17.9711,
18.1701

■ 32.7366, 20.9972,
22.8917

■ 35.4824, 25.0127,
28.3580

■ 38.8543, 30.0953,
34.6028

■ 42.8904, 36.3154,
41.6577

■ 47.6256, 43.7371,
49.5521

■ 53.0923, 52.4195,
58.3141

Harmonies

Analogous

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



27.0859, 13.7872, 24.6378



27.0366, 13.7872, 8.0737



22.5942, 13.7872, 1.8422

Triad

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



27.0366, 13.7872, 8.0737



6.6786, 13.7872, 1.9015



10.4786, 13.7872, 71.7621

Complementary

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



27.0366, 13.7872, 8.0737



26.4128, 46.2654, 29.0259

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.



6.7317, 13.7872, 50.9763



27.0366, 13.7872, 8.0737



5.0181, 13.7872, 8.2903

Square

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



27.0366, 13.7872, 8.0737



10.3812, 13.7872, 0.3639



5.0341, 13.7872, 25.0922



16.2662, 13.7872, 71.5155

Rectangle

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



27.0366, 13.7872, 8.0737



18.3261, 13.7872, 0.6503



5.0341, 13.7872, 25.0922



8.9826, 13.7872, 66.5781

Sweetspot

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



27.0369, 13.7881, 8.0739



68.4709, 57.7845, 66.3054



20.1149, 9.0693, 59.7214



14.0400, 11.4152, 13.1294



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.



27.0369, 13.7881, 8.0739



43.2420, 22.0608, 12.4725



26.0627, 13.9265, 1.3157



11.9855, 11.8790, 13.1997



17.0756, 8.7031, 5.3042



0.9925, 0.5017, 0.4955

Inverse Universe

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



27.0369, 13.7881, 8.0739



43.2420, 22.0608, 12.4725



28.1664, 38.3122, 64.9415



11.9855, 11.8790, 13.1997



17.0756, 8.7031, 5.3042



0.9925, 0.5017, 0.4955

Previews

White Background



This preview shows how the XYZ color 27.0366, 13.7872, 8.0737 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 27.0366, 13.7872, 8.0737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

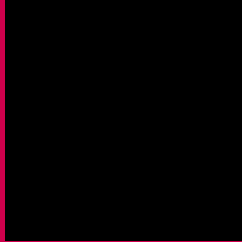
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0366, 13.7872, 8.0737

Background



This preview shows how black text looks on a background with the XYZ color 27.0366, 13.7872, 8.0737.



This preview shows how white text looks on a background with the XYZ color 27.0366, 13.7872,

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

27.0366, 13.7872, 8.0737

Protanopia

13.8647, 14.3150, 17.0713

Deuteranopia

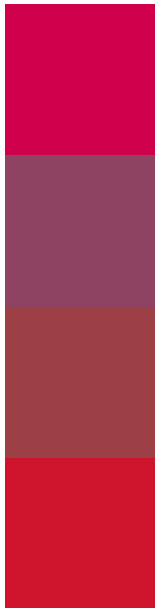
14.5689, 14.3018, 7.3029



Tritanopia

26.1532, 14.1856, 2.4583

Trichromacy



Original Color

27.0366, 13.7872, 8.0737

Protanomaly

15.5395, 10.7358, 12.8085

Deuteranomaly

16.8435, 11.2771, 7.0833

Tritanomaly

26.1774, 13.8116, 3.7688

Monochromacy



Original Color

27.0366, 13.7872, 8.0737

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.8867, 6.3509, 7.0081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0366, 13.7872, 8.0737 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 76) }
```

Border

The CSS property to change the border of an element to XYZ 27.0366, 13.7872, 8.0737 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, 76) }
```


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

```
.border{ border-color:rgb(207, 0, 76) }
```

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, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 76);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 76)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.0366, 13.7872, 8.0737 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, 76) }
```

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

```
.background{ background-color: rgb(207, 0,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor