

Converting Colors

XYZ(27.0990, 13.7977, 9.0577)

Have a look what the booklet for
XYZ(27.0990, 13.7977, 9.0577)
contains.

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Color

**XYZ(27.2173, 13.8595,
9.0252)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0051
RGB	207, 0, 81
RGB Percent	81%, 0%, 32%
CMY	0.1882, 0.9998, 0.6824
CMYK	0.00, 1.00, 0.61, 0.19
HSL	337°, 100%, 41%
HSV	337°, 100%, 81%
XYZ	27.2173, 13.8595, 9.0252
YIQ	71.1270, 97.3710, 69.0750

Conversions

Conversions Part 2

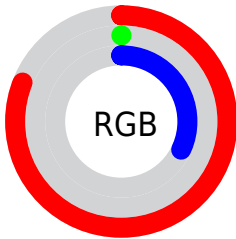
Format	Color
RYB	207, 0, 81
Decimal	13566033
CIELab	44.03, 70.81, 16.30
CIElCh	44, 72.662, 12.962
Yxy	13.8595, 0.5432, 0.2766
Android (android.graphics.Color)	4291756113 (0xFFCF0051)
YUV	71.1270, 4.8674, 119.1606
Hunter-Lab	37.2283, 65.3501, 11.6863

Details

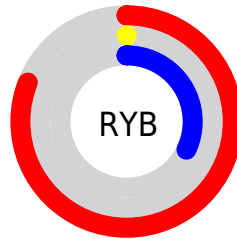
The XYZ color **27.2173, 13.8595, 9.0252** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **26.0819, 46.1331, 27.2834**, and the grayscale version is **5.9952, 6.3074, 6.8688**.

A 20% lighter version of the original color is **48.7590, 29.8512, 24.3111**, and **12.0110, 6.1533, 2.3049** is the 20% darker color. If you saturate the color by 10%, you get **27.2161, 13.8590, 9.0199**, and if you desaturate by 10%, it is **27.9980, 14.5933, 11.8376**.

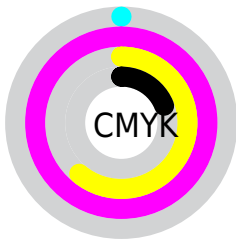
Distribution



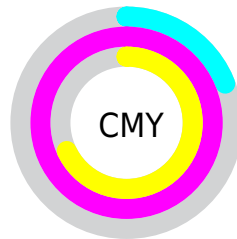
- Red (81%)
- Green (0%)
- Blue (32%)



- Red (81%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2173, 13.8595, 9.0252 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 27.2173, 13.8595, 9.0252 by changing the saturation by 10% instead.


 27.2173, 13.8595,
9.0252


 27.2173, 13.8595,
9.0252


280.8561,
216.3550, 193.7908


 17.8739, 8.0230,
4.6606


 54.6498, 32.8395,
24.5236


 10.9586, 4.1097,
1.9943


 73.4696, 46.7518,
36.4944


 6.1061, 1.7351,
0.5518


 96.1790, 64.1249,
51.8378

 2.9510, 0.4462,
0.0000

 123.1432, 85.3431,
70.9721

 1.1279, 0.0000,
0.0000

 154.7277,
110.7908, 94.3161

 0.0483, 0.0000,
0.0000

 191.2978,

 0.0000, 0.0000,

140.8524, 122.2881

0.0000

233.2188,
175.9124, 155.3069

■ 27.2173, 13.8595,
9.0252

■ 27.2173, 13.8595,
9.0252

■ 27.2161, 13.8590,
9.0199

■ 27.9980, 14.5933,
11.8376

■ 29.1526, 15.9270,
15.2295

■ 30.7807, 18.0536,
19.2548

■ 32.9379, 21.0779,
23.9514

■ 35.6716, 25.0885,
29.3534

■ 39.0233, 30.1631,
35.4920

■ 43.0308, 36.3718,
42.3963

■ 47.7286, 43.7785,
50.0937

■ 53.1487, 52.4424,
58.6100

Harmonies

Analogous

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



26.8873, 13.8595, 26.4497



27.2173, 13.8595, 9.0252



23.0775, 13.8595, 2.1409

Triad

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



27.2173, 13.8595, 9.0252



6.9650, 13.8595, 1.7349



10.1817, 13.8595, 70.4389

Complementary

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



27.2173, 13.8595, 9.0252



26.0819, 46.1331, 27.2834

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.



6.6064, 13.8595, 48.7672



27.2173, 13.8595, 9.0252



5.1564, 13.8595, 7.5625

Square

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



27.2173, 13.8595, 9.0252



10.8372, 13.8595, 0.3569



5.0479, 13.8595, 23.4014



15.8224, 13.8595, 72.0854

Rectangle

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



27.2173, 13.8595, 9.0252



18.8891, 13.8595, 0.7827



5.0479, 13.8595, 23.4014



8.7449, 13.8595, 64.7911

Sweetspot

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



27.2176, 13.8604, 9.0254



68.6976, 57.8751, 67.4992



19.6065, 8.8072, 59.6976



14.0930, 11.4365, 13.4086



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.



27.2176, 13.8604, 9.0254



43.5281, 22.1753, 13.9792



25.9956, 13.7922, 1.2933



11.9975, 11.8837, 13.2625



17.1909, 8.7492, 5.9115



0.9997, 0.5046, 0.5334

Inverse Universe

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



27.2176, 13.8604, 9.0254



43.5281, 22.1753, 13.9792



28.8860, 39.7512, 65.1814



11.9975, 11.8837, 13.2625



17.1909, 8.7492, 5.9115



0.9997, 0.5046, 0.5334

Previews

White Background



This preview shows how the XYZ color 27.2173, 13.8595, 9.0252 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 27.2173, 13.8595, 9.0252 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 27.2173, 13.8595, 9.0252

Background



This preview shows how black text looks on a background with the XYZ color 27.2173, 13.8595, 9.0252.



This preview shows how white text looks on a background with the XYZ color 27.2173, 13.8595,

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

27.2173, 13.8595, 9.0252

Protanopia

14.2497, 14.6193, 19.2103

Deuteranopia

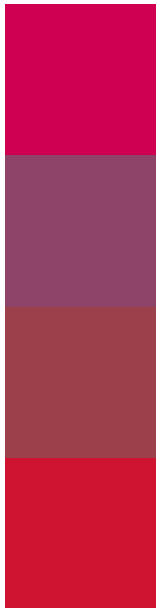
14.6735, 14.4826, 8.1529



Tritanopia

25.9277, 14.1059, 2.5845

Trichromacy



Original Color

27.2173, 13.8595, 9.0252

Protanomaly

15.7123, 10.7850, 14.6182

Deuteranomaly

16.8706, 11.3565, 7.9595

Tritanomaly

26.2581, 13.8439, 4.1939

Monochromacy



Original Color

27.2173, 13.8595, 9.0252

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.9541, 6.3778, 7.3630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2173, 13.8595, 9.0252 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 81) }
```

Border

The CSS property to change the border of an element to XYZ 27.2173, 13.8595, 9.0252 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, 81) }
```


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

```
.border{ border-color:rgb(207, 0, 81) }
```

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, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 81);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 81)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.2173, 13.8595, 9.0252 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, 81) }
```

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

```
.background{ background-color: rgb(207, 0,  
81) }
```

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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