

Converting Colors

XYZ(28.5754, 17.1414, 8.3445)

Have a look what the booklet for
XYZ(28.5754, 17.1414, 8.3445)
contains.

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Color

**XYZ(28.6908, 17.2051,
8.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	CF3E4A
RGB	207, 62, 74
RGB Percent	81%, 24%, 29%
CMY	0.1882, 0.7568, 0.7098
CMYK	0.00, 0.70, 0.64, 0.19
HSL	355°, 60%, 53%
HSV	355°, 70%, 81%
XYZ	28.6908, 17.2051, 8.2873
YIQ	106.7230, 82.5680, 34.4720

Conversions

Conversions Part 2

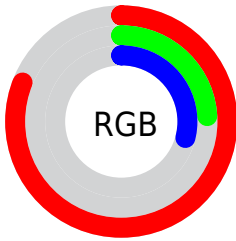
Format	Color
RYB	207, 62, 74
Decimal	13581898
CIELab	48.52, 57.31, 26.48
CIElCh	49, 63.135, 24.797
Yxy	17.2051, 0.5295, 0.3175
Android (android.graphics.Color)	4291771978 (0xFFCF3E4A)
YUV	106.7230, -16.1324, 87.9429
Hunter-Lab	41.4790, 50.8791, 17.1895

Details

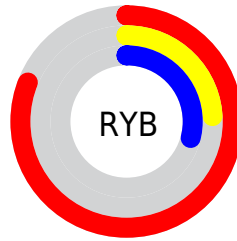
The XYZ color **28.6908, 17.2051, 8.2873** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34.1513, 49.5904, 59.4071**, and the grayscale version is **13.9267, 14.6520, 15.9561**.

A 20% lighter version of the original color is **51.4120, 35.8837, 22.9554**, and **12.0884, 6.2047, 1.7888** is the 20% darker color. If you saturate the color by 10%, you get **27.2256, 15.1487, 5.1050**, and if you desaturate by 10%, it is **30.7784, 20.1977, 12.6296**.

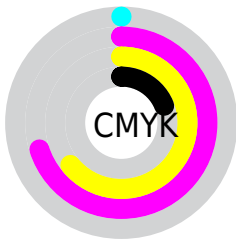
Distribution



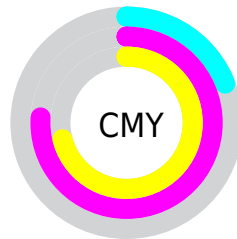
- Red (81%)
- Green (24%)
- Blue (29%)



- Red (81%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (64%)
- Black (19%)





- Cyan (19%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6908, 17.2051, 8.2873 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 28.6908, 17.2051, 8.2873 by changing the saturation by 10% instead.


 28.6908, 17.2051,
8.2873


 28.6908, 17.2051,
8.2873


287.7739,
236.3516, 187.9863


 18.9901, 10.3808,
4.1889


 56.9864, 38.6781,
23.0752


 11.7671, 5.6522,
1.7296


 76.3121, 54.0956,
34.6018

 6.6564, 2.6348,
0.3809


 99.5769, 73.1463,
49.4415

 3.2926, 0.9442,
0.0000

 127.1460, 96.2146,
68.0129

 1.3103, 0.0000,
0.0000

 159.3849,
123.6848, 90.7346

 0.1909, 0.0000,
0.0000

196.6590,

 0.0000, 0.0000,

155.9415, 118.0250

0.0000

239.3335,
193.3689, 150.3027

■ 28.6908, 17.2051,
8.2873

■ 28.6908, 17.2051,
8.2873

■ 27.2256, 15.1487,
5.1050

■ 30.7784, 20.1977,
12.6296

■ 26.3118, 13.9150,
2.9701

■ 33.5465, 24.2169,
18.2287

■ 25.8341, 13.3062,
1.7419

■ 37.0478, 29.3460,
25.1719

■ 41.3296, 35.6586,
33.5388

■ 46.4352, 43.2223,
43.4024

■ 52.4046, 52.0994,
54.8311

■ 59.2753, 62.3482,
67.8887

■ 67.0826, 74.0234,
82.6357

■ 75.8598, 87.1768,
99.1295

Harmonies

Analogous

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



30.1416, 17.2051, 21.7777



28.6908, 17.2051, 8.2873



23.6506, 17.2051, 2.8885

Triad

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



28.6908, 17.2051, 8.2873



8.8360, 17.2051, 5.7054



15.3635, 17.2051, 71.8381

Complementary

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



28.6908, 17.2051, 8.2873



34.1513, 49.5904, 59.4071

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.



10.7359, 17.2051, 58.7539



28.6908, 17.2051, 8.2873



7.5799, 17.2051, 15.9870

Square

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



28.6908, 17.2051, 8.2873



12.1124, 17.2051, 2.1340



8.1827, 17.2051, 35.5485



21.4830, 17.2051, 65.1725

Rectangle

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



28.6908, 17.2051, 8.2873



19.4511, 17.2051, 1.7333



8.1827, 17.2051, 35.5485



13.6026, 17.2051, 69.4520

Sweetspot

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



28.6912, 17.2061, 8.2876



73.3575, 67.6937, 67.5150



35.4698, 19.5424, 60.9337



15.1927, 13.7348, 13.4703



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.



28.6912, 17.2061, 8.2876



42.8029, 23.1428, 6.2829



33.6133, 27.6363, 8.1216



11.8479, 11.8239, 12.4746



16.2911, 8.3893, 1.1732



0.9250, 0.4747, 0.1398

Inverse Universe

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



28.6912, 17.2061, 8.2876



42.8029, 23.1428, 6.2829



23.6193, 26.2687, 62.8566



11.8479, 11.8239, 12.4746



16.2911, 8.3893, 1.1732



0.9250, 0.4747, 0.1398

Previews

White Background



This preview shows how the XYZ color 28.6908, 17.2051, 8.2873 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 28.6908, 17.2051, 8.2873

Background



This preview shows how black text looks on a background with the XYZ color 28.6908, 17.2051, 8.2873.



This preview shows how white text looks on a background with the XYZ color 28.6908, 17.2051,

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

28.6908, 17.2051, 8.2873

Protanopia

16.3828, 17.4729, 13.5755

Deuteranopia

17.6523, 17.4249, 7.5872



Tritanopia

28.4930, 17.2138, 6.9751

Trichromacy



Original Color

28.6908, 17.2051, 8.2873

Protanomaly

19.0812, 15.8426, 11.2848

Deuteranomaly

20.5056, 16.2577, 7.6875

Tritanomaly

28.5838, 17.2501, 7.4533

Monochromacy



Original Color

28.6908, 17.2051, 8.2873

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

17.1343, 14.1480, 12.6542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6908, 17.2051, 8.2873 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, 62, 74)` looks like.

```
.text, #text, p{  
    color:rgb(207, 62, 74)  
}
```

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, 62, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 62, 74) }
```

Border

The CSS property to change the border of an element to XYZ 28.6908, 17.2051, 8.2873 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, 62, 74) }
```


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

```
.border{ border-color:rgb(207, 62, 74) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(207, 62, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 62, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 62, 74);  
box-shadow:4px 4px 4px 4px rgb(207, 62,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6908, 17.2051, 8.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 62, 74) }
```

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

```
.background{ background-color: rgb(207, 62,  
74) }
```

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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