

Converting Colors

XYZ(29.0927, 17.5206, 6.5283)

Have a look what the booklet for
XYZ(29.0927, 17.5206, 6.5283)
contains.

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Color

**XYZ(28.9692, 17.4692,
6.5477)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D13F3F |
| RGB | 209, 63, 63 |
| RGB Percent | 82%, 25%, 25% |
| CMY | 0.1804, 0.7529, 0.7529 |
| CMYK | 0.00, 0.70, 0.70, 0.18 |
| HSL | 0°, 61%, 53% |
| HSV | 0°, 70%, 82% |
| XYZ | 28.9692, 17.4692, 6.5477 |
| YIQ | 106.6540, 87.0160, 30.9520 |

Conversions

Conversions Part 2

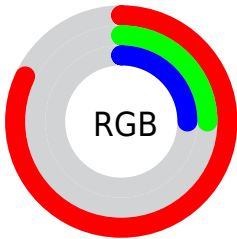
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 209, 63, 63 |
| Decimal | 13713215 |
| CIE Lab | 48.85, 56.98, 33.45 |
| CIE LCh | 49, 66.071, 30.413 |
| Yxy | 17.4692, 0.5467, 0.3297 |
| Android (android.graphics.Color) | 4291903295 (0xFFD13F3F) |
| YUV | 106.6540, -21.5214, 89.7574 |
| Hunter-Lab | 41.7962, 50.5762, 19.9691 |

Details

The XYZ color **28.9692, 17.4692, 6.5477** 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 **36.3566, 51.2564, 68.2985**, and the grayscale version is **13.9212, 14.6462, 15.9497**.

A 20% lighter version of the original color is **50.7061, 35.6013, 19.2382**, and **12.1589, 6.2536, 1.2280** is the 20% darker color. If you saturate the color by 10%, you get **27.5460, 15.3869, 3.7181**, and if you desaturate by 10%, it is **31.0539, 20.5202, 10.6912**.

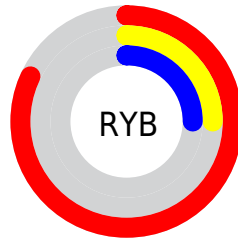
Distribution



Red (82%)

Green (25%)

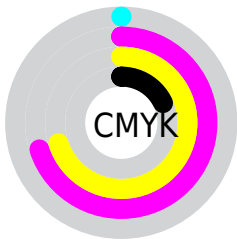
Blue (25%)



Red (82%)

Yellow (25%)

Blue (25%)

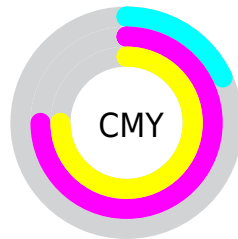


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (18%)



Cyan (18%)


Magenta (75%)


Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9692, 17.4692, 6.5477 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 28.9692, 17.4692, 6.5477 by changing the saturation by 10% instead.


 28.9692, 17.4692,
6.5477


 28.9692, 17.4692,
6.5477


289.0664,
237.8619, 173.3365


 19.2017, 10.5696,
3.1068


 57.4260, 39.1307,
19.5545

 11.9210, 5.7782,
1.1494


 76.8461, 54.6615,
29.9574


 6.7617, 2.7107,
0.0000


 100.2144, 73.8380,
43.5181

 3.3585, 0.9826,
0.0000

 127.8962, 97.0448,
60.6550

 1.3461, 0.0000,
0.0000

 160.2570,
124.6662, 81.7868

 0.2173, 0.0000,
0.0000

 197.6620,

 0.0000, 0.0000,

157.0865, 107.3319

0.0000

240.4767,
194.6903, 137.7090

■ 28.9692, 17.4692,
6.5477

■ 28.9692, 17.4692,
6.5477

■ 27.5460, 15.3869,
3.7181

■ 31.0539, 20.5202,
10.6912

■ 26.7036, 14.1543,
2.0439

■ 33.8658, 24.6350,
16.2811

■ 26.2994, 13.5627,
1.2404

■ 37.4642, 29.9004,
23.4343

■ 26.2945, 13.5555,
1.2306

■ 41.9018, 36.3939,
32.2560

■ 47.2268, 44.1859,
42.8419

■ 53.4838, 53.3417,
55.2807

■ 60.7144, 63.9220,
69.6550

■ 68.9576, 75.9841,
86.0424

■ 78.2504, 89.5820,
104.5165

Harmonies

Analogous

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



31.3809, 17.4692, 18.7790



28.9692, 17.4692, 6.5477



23.1226, 17.4692, 2.1848

Triad

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



28.9692, 17.4692, 6.5477



8.3252, 17.4692, 6.7566



16.6890, 17.4692, 76.5946

Complementary

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



28.9692, 17.4692, 6.5477



36.3566, 51.2564, 68.2985

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.



11.4424, 17.4692, 65.9974



28.9692, 17.4692, 6.5477



7.3935, 17.4692, 19.2651

Square

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



28.9692, 17.4692, 6.5477



11.3281, 17.4692, 2.2427



8.3788, 17.4692, 41.7082



23.3064, 17.4692, 65.4419

Rectangle

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



28.9692, 17.4692, 6.5477



18.6432, 17.4692, 1.3822



8.3788, 17.4692, 41.7082



14.7191, 17.4692, 75.4109

Sweetspot

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



28.9696, 17.4702, 6.5480



72.8281, 67.4832, 64.7234



39.5804, 21.7137, 62.4262



15.0701, 13.6860, 12.8234



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.



28.9696, 17.4702, 6.5480



42.4233, 22.9917, 4.2815



35.9957, 31.5225, 8.8900



11.8088, 11.8084, 12.2689



16.2125, 8.3580, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



36.3566, 51.2564, 68.2985



54.7122, 79.1988, 107.0110



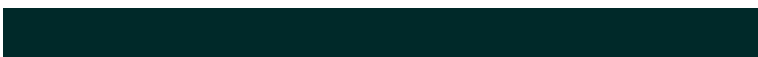
22.3627, 23.2686, 63.6338



12.1584, 13.4070, 15.1906



21.1520, 30.9506, 42.0517



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 28.9692, 17.4692, 6.5477 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 28.9692, 17.4692, 6.5477 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 28.9692, 17.4692, 6.5477

Background



This preview shows how black text looks on a background with the XYZ color 28.9692, 17.4692, 6.5477.



This preview shows how white text looks on a background with the XYZ color 28.9692, 17.4692,

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

28.9692, 17.4692, 6.5477

Protanopia

16.4885, 17.7674, 10.5431

Deuteranopia

17.8756, 17.5740, 6.0644



Tritanopia

29.0554, 17.5037, 7.0014

Trichromacy



Original Color

28.9692, 17.4692, 6.5477

Protanomaly

19.2550, 16.1253, 8.7543

Deuteranomaly

20.9149, 16.6357, 6.1117

Tritanomaly

29.0261, 17.4920, 6.8475

Monochromacy



Original Color

28.9692, 17.4692, 6.5477

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

17.1310, 14.1668, 11.7291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9692, 17.4692, 6.5477 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(209, 63, 63)` looks like.

```
.text, #text, p{  
    color:rgb(209, 63, 63)  
}
```

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(209, 63, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 63, 63) }
```

Border

The CSS property to change the border of an element to XYZ 28.9692, 17.4692, 6.5477 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(209, 63, 63) }
```


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

```
.border{ border-color:rgb(209, 63, 63) }
```

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

Here you see how a box with a 4 pixel rgb(209, 63, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 63, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 63, 63);  
box-shadow:4px 4px 4px 4px rgb(209, 63,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9692, 17.4692, 6.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 63, 63) }
```

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

```
.background{ background-color: rgb(209, 63,  
63) }
```

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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