

Converting Colors

XYZ(28.0240, 17.7636, 11.3873)

Have a look what the booklet for
XYZ(28.0240, 17.7636, 11.3873)
contains.

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Color

**XYZ(28.0051, 17.7657,
11.4043)**

Conversions

Conversions Part 1

Format	Color
Hex	C84959
RGB	200, 73, 89
RGB Percent	78%, 29%, 35%
CMY	0.2157, 0.7137, 0.6510
CMYK	0.00, 0.63, 0.55, 0.22
HSL	352°, 54%, 54%
HSV	352°, 63%, 78%
XYZ	28.0051, 17.7657, 11.4043
YIQ	112.7970, 70.5560, 31.9000

Conversions

Conversions Part 2

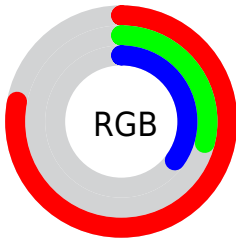
Format	Color
R_{YB}	200, 73, 89
Decimal	13125977
CIE _{Lab}	49.21, 51.63, 18.16
CIE _{LCh}	49, 54.732, 19.374
Yxy	17.7657, 0.4898, 0.3107
Android (android.graphics.Color)	4291316057 (0xFFC84959)
YUV	112.7970, -11.7319, 76.4770
Hunter-Lab	42.1494, 44.8385, 13.4625

Details

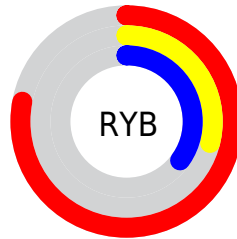
The XYZ color **28.0051, 17.7657, 11.4043** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **32.0548, 46.1861, 52.5764**, and the grayscale version is **15.6557, 16.4710, 17.9369**.

A 20% lighter version of the original color is **53.4896, 38.3028, 29.0001**, and **11.3350, 5.8875, 2.9219** is the 20% darker color. If you saturate the color by 10%, you get **26.2468, 15.2878, 7.6165**, and if you desaturate by 10%, it is **30.3610, 21.1600, 16.2515**.

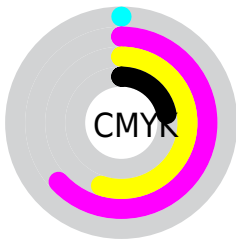
Distribution



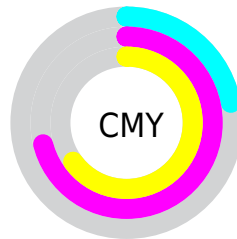
- Red (78%)
- Green (29%)
- Blue (35%)



- Red (78%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (63%)
- Yellow (55%)
- Black (22%)





- Cyan (22%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0051, 17.7657, 11.4043 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 28.0051, 17.7657, 11.4043 by changing the saturation by 10% instead.

 28.0051, 17.7657,
11.4043


 28.0051, 17.7657,
11.4043


284.5709,
239.5471, 211.2567


 18.4700, 10.7819,
6.2219


 55.9012, 39.6377,
29.0534


 11.3897, 5.9204,
2.9095


 74.9928, 55.2946,
42.3571


 6.3988, 2.7967,
1.0486


 98.0007, 74.6115,
59.2051

 3.1320, 1.0265,
0.0000

 125.2902, 97.9725,
80.0158

 1.2239, 0.0000,
0.0000

 157.2266,
125.7622, 105.2078

 0.1252, 0.0000,
0.0000

194.1753,

 0.0000, 0.0000,

158.3650, 135.1995

0.0000

236.5016,
196.1651, 170.4097

■ 28.0051, 17.7657,
11.4043

■ 28.0051, 17.7657,
11.4043

■ 26.2468, 15.2878,
7.6165

■ 30.3610, 21.1600,
16.2515

■ 25.0301, 13.6341,
4.8072

■ 33.3610, 25.5456,
22.2290

■ 24.2903, 12.6981,
2.8848

■ 37.0487, 30.9928,
29.4025

■ 23.9968, 12.3503,
2.0494

■ 41.4633, 37.5649,
37.8324

■ 46.6411, 45.3201,
47.5751

■ 52.6159, 54.3126,
58.6833

■ 59.4197, 64.5933,
71.2070

■ 67.0823, 76.2101,
85.1938

■ 75.6324, 89.2087,
100.6888

Harmonies

Analogous

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



28.5543, 17.7657, 25.0344



28.0051, 17.7657, 11.4043



24.1570, 17.7657, 4.8491

Triad

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



28.0051, 17.7657, 11.4043



10.4512, 17.7657, 6.1642



15.1315, 17.7657, 62.5118

Complementary

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



28.0051, 17.7657, 11.4043



32.0548, 46.1861, 52.5764

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.



11.2431, 17.7657, 49.6820



28.0051, 17.7657, 11.4043



8.9280, 17.7657, 14.5884

Square

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



28.0051, 17.7657, 11.4043



13.8203, 17.7657, 3.0590



9.1851, 17.7657, 30.3101



20.3739, 17.7657, 60.1055

Rectangle

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



28.0051, 17.7657, 11.4043



20.6042, 17.7657, 3.1211



9.1851, 17.7657, 30.3101



13.6440, 17.7657, 59.6573

Sweetspot

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



28.0055, 17.7667, 11.4046



75.4100, 70.4543, 72.3437



32.3528, 19.0118, 56.6077



15.6029, 14.2754, 14.4692



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.



28.0055, 17.7667, 11.4046



44.5833, 25.2844, 11.2518



31.6872, 26.0905, 9.6706



10.6873, 10.6583, 11.3367



15.2765, 7.8602, 1.3999



0.7418, 0.3795, 0.1633

Inverse Universe

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



28.0055, 17.7667, 11.4046



44.5833, 25.2844, 11.2518



24.6362, 28.5123, 58.8482



10.6873, 10.6583, 11.3367



15.2765, 7.8602, 1.3999



0.7418, 0.3795, 0.1633

Previews

White Background



This preview shows how the XYZ color 28.0051, 17.7657, 11.4043 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 28.0051, 17.7657, 11.4043 looks on a black 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

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

XYZ 28.0051, 17.7657, 11.4043

Background



This preview shows how black text looks on a background with the XYZ color 28.0051, 17.7657, 11.4043.

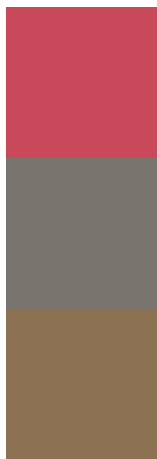


This preview shows how white text looks on a background with the XYZ color 28.0051, 17.7657,

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

28.0051, 17.7657, 11.4043

Protanopia

17.0609, 17.9133, 17.3103

Deuteranopia

18.2817, 18.0102, 10.6964



Tritanopia

27.4805, 17.7388, 9.3727

Trichromacy



Original Color

28.0051, 17.7657, 11.4043

Protanomaly

19.6296, 16.7507, 14.7690

Deuteranomaly

20.9077, 17.0726, 10.7877

Tritanomaly

27.5633, 17.6642, 10.1404

Monochromacy



Original Color

28.0051, 17.7657, 11.4043

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.5434, 15.7546, 15.1603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0051, 17.7657, 11.4043 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(200, 73, 89)` looks like.

```
.text, #text, p{  
  color:rgb(200, 73, 89)  
}
```

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(200, 73, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 73, 89) }
```

Border

The CSS property to change the border of an element to XYZ 28.0051, 17.7657, 11.4043 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(200, 73, 89) }
```


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

```
.border{ border-color:rgb(200, 73, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 73, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 73, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 73, 89);  
box-shadow:4px 4px 4px 4px rgb(200, 73,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0051, 17.7657, 11.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 73, 89) }
```

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

```
.background{ background-color: rgb(200, 73,  
89) }
```

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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