

Converting Colors

XYZ(28.7717, 17.3505, 11.0651)

Have a look what the booklet for
XYZ(28.7717, 17.3505, 11.0651)
contains.

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Color

**XYZ(28.7717, 17.3505,
11.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	CD4058
RGB	205, 64, 88
RGB Percent	80%, 25%, 35%
CMY	0.1961, 0.7490, 0.6549
CMYK	0.00, 0.69, 0.57, 0.20
HSL	350°, 59%, 53%
HSV	350°, 69%, 80%
XYZ	28.7717, 17.3505, 11.0651
YIQ	108.8950, 76.3320, 37.3560

Conversions

Conversions Part 2

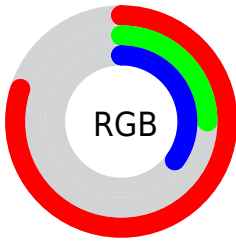
Format	Color
R_{YB}	205, 64, 88
Decimal	13451352
CIE Lab	48.70, 56.85, 18.22
CIE LCh	49, 59.696, 17.769
Yxy	17.3505, 0.5031, 0.3034
Android (android.graphics.Color)	4291641432 (0xFFCD4058)
YUV	108.8950, -10.3012, 84.2841
Hunter-Lab	41.6539, 50.4013, 13.4077

Details

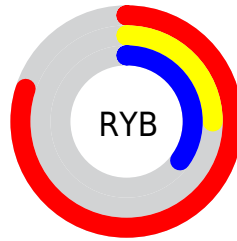
The XYZ color **28.7717, 17.3505, 11.0651** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **32.2875, 48.0893, 51.3008**, and the grayscale version is **14.5201, 15.2763, 16.6359**.

A 20% lighter version of the original color is **52.5439, 36.5279, 28.3260**, and **11.9376, 6.1037, 2.8344** is the 20% darker color. If you saturate the color by 10%, you get **27.1962, 15.1989, 7.4597**, and if you desaturate by 10%, it is **30.9372, 20.4192, 15.6786**.

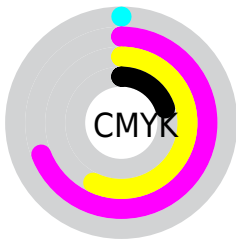
Distribution



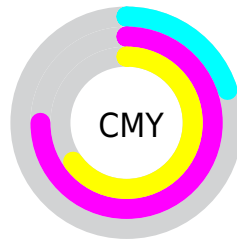
- Red (80%)
- Green (25%)
- Blue (35%)



- Red (80%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (57%)
- Black (20%)





- Cyan (20%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7717, 17.3505, 11.0651 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 28.7717, 17.3505, 11.0651 by changing the saturation by 10% instead.


 28.7717, 17.3505,
11.0651


 28.7717, 17.3505,
11.0651


288.1499,
237.1842, 208.8671


 19.0516, 10.4847,
5.9959


 57.1142, 38.9274,
28.4190


 11.8118, 5.7215,
2.7738


 76.4674, 54.4074,
41.5407

 6.6869, 2.6765,
0.9804


 99.7623, 73.5274,
58.1838

 3.3117, 0.9653,
0.0000

 127.3642, 96.6721,
78.7667

 1.3206, 0.0000,
0.0000

 159.6386,
124.2257, 103.7079

 0.1986, 0.0000,
0.0000

196.9508,

 0.0000, 0.0000,

156.5727, 133.4260

0.0000

239.6661,
194.0974, 168.3395

■ 28.7717, 17.3505,
11.0651

■ 28.7717, 17.3505,
11.0651

■ 27.1962, 15.1989,
7.4597

■ 30.9372, 20.4192,
15.6786

■ 26.1486, 13.8584,
4.7840

■ 33.7436, 24.4898,
21.3686

■ 25.5374, 13.1669,
2.9430

■ 37.2377, 29.6406,
28.1983

■ 25.4784, 13.0997,
2.7667

■ 41.4617, 35.9415,
36.2255

■ 46.4541, 43.4563,
45.5044

■ 52.2509, 52.2443,
56.0857

■ 58.8855, 62.3607,
68.0172

■ 66.3898, 73.8576,
81.3443

■ 74.7936, 86.7843,
96.1103

Harmonies

Analogous

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



29.1572, 17.3505, 26.0732



28.7717, 17.3505, 11.0651



24.6823, 17.3505, 4.1577

Triad

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



28.7717, 17.3505, 11.0651



9.8269, 17.3505, 4.9597



14.3477, 17.3505, 66.7381

Complementary

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



28.7717, 17.3505, 11.0651



32.2875, 48.0893, 51.3008

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.



10.3482, 17.3505, 51.4231



28.7717, 17.3505, 11.0651



8.1555, 17.3505, 13.1672

Square

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



28.7717, 17.3505, 11.0651



13.4657, 17.3505, 2.2278



8.3222, 17.3505, 29.7417



19.9388, 17.3505, 64.9943

Rectangle

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



28.7717, 17.3505, 11.0651



20.8311, 17.3505, 2.4277



8.3222, 17.3505, 29.7417



12.8001, 17.3505, 63.1710

Sweetspot

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



28.7721, 17.3515, 11.0654



73.9348, 67.9246, 70.5547



31.4787, 17.6773, 59.5103



15.3272, 13.7885, 14.1781



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.



28.7721, 17.3515, 11.0654



43.5413, 23.5832, 9.7242



31.5344, 24.2134, 7.8634



11.2889, 11.2443, 12.0561



15.8856, 8.1648, 1.8502



0.8442, 0.4311, 0.2256

Inverse Universe

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



28.7721, 17.3515, 11.0654



43.5413, 23.5832, 9.7242



25.7664, 30.7621, 62.3370



11.2889, 11.2443, 12.0561



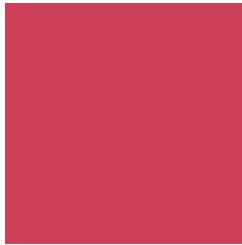
15.8856, 8.1648, 1.8502



0.8442, 0.4311, 0.2256

Previews

White Background



This preview shows how the XYZ color 28.7717, 17.3505, 11.0651 looks on a white background.

Color Contrast Check

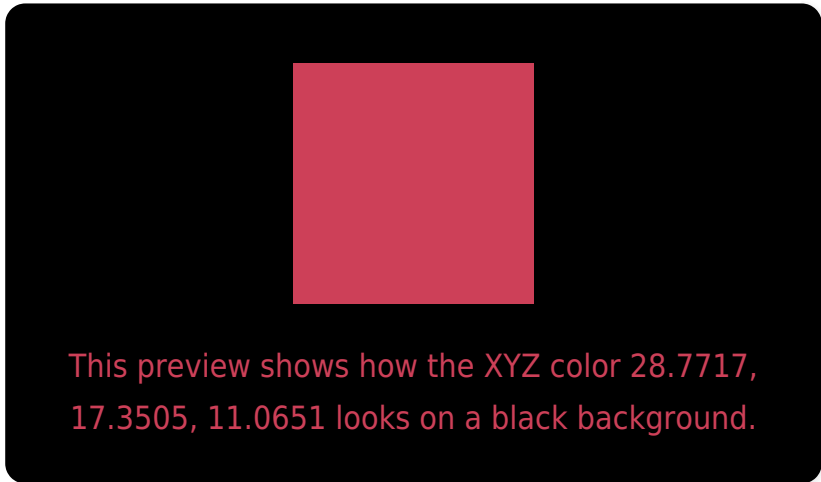
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7717, 17.3505, 11.0651

Background



This preview shows how black text looks on a background with the XYZ color 28.7717, 17.3505, 11.0651.



This preview shows how white text looks on a background with the XYZ color 28.7717, 17.3505,

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

28.7717, 17.3505, 11.0651

Protanopia

16.8338, 17.6050, 18.1336

Deuteranopia

17.8171, 17.4519, 10.2141



Tritanopia

28.0463, 17.3066, 7.8235

Trichromacy



Original Color

28.7717, 17.3505, 11.0651

Protanomaly

19.3511, 16.0329, 15.1714

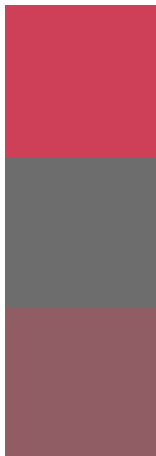
Deuteranomaly

20.7072, 16.4320, 10.4678

Tritanomaly

28.1896, 17.2696, 8.8688

Monochromacy



Original Color

28.7717, 17.3505, 11.0651

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.7649, 14.6976, 14.2125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7717, 17.3505, 11.0651 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(205, 64, 88)` looks like.

```
.text, #text, p{  
  color:rgb(205, 64, 88)  
}
```

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(205, 64, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 64, 88) }
```

Border

The CSS property to change the border of an element to XYZ 28.7717, 17.3505, 11.0651 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(205, 64, 88) }
```


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

```
.border{ border-color:rgb(205, 64, 88) }
```

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

Here you see how a box with a 4 pixel rgb(205, 64, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 64, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 64, 88);  
box-shadow:4px 4px 4px 4px rgb(205, 64,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7717, 17.3505, 11.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 64, 88) }
```

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

```
.background{ background-color: rgb(205, 64,  
88) }
```

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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