

Converting Colors

XYZ(27.1488, 17.4678, 9.3379)

Have a look what the booklet for
XYZ(27.1488, 17.4678, 9.3379)
contains.

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Color

**XYZ(27.1488, 17.4678,
9.3379)**

Conversions

Conversions Part 1

Format	Color
Hex	C64A4F
RGB	198, 74, 79
RGB Percent	78%, 29%, 31%
CMY	0.2235, 0.7098, 0.6902
CMYK	0.00, 0.63, 0.60, 0.22
HSL	358°, 52%, 53%
HSV	358°, 63%, 78%
XYZ	27.1488, 17.4678, 9.3379
YIQ	111.6460, 72.2990, 27.8430

Conversions

Conversions Part 2

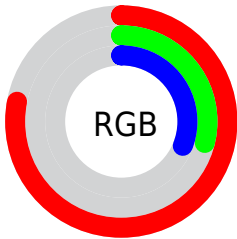
Format	Color
R_{YB}	198, 74, 79
Decimal	12995151
CIE _{Lab}	48.84, 49.79, 23.60
CIE _{LCh}	49, 55.097, 25.364
Yxy	17.4678, 0.5032, 0.3238
Android (android.graphics.Color)	4291185231 (0xFFC64A4F)
YUV	111.6460, -16.0945, 75.7325
Hunter-Lab	41.7945, 42.8094, 16.0093

Details

The XYZ color **27.1488, 17.4678, 9.3379** 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 **32.6449, 45.6947, 57.5550**, and the grayscale version is **15.3289, 16.1272, 17.5625**.

A 20% lighter version of the original color is **52.8555, 38.2569, 25.0206**, and **10.9043, 5.7640, 2.1279** is the 20% darker color. If you saturate the color by 10%, you get **25.4330, 14.9896, 5.8275**, and if you desaturate by 10%, it is **29.4790, 20.8588, 14.0286**.

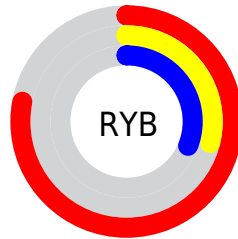
Distribution



Red (78%)

Green (29%)

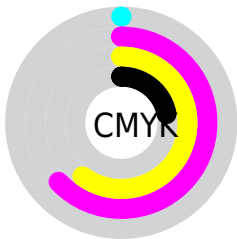
Blue (31%)



Red (78%)

Yellow (29%)

Blue (31%)

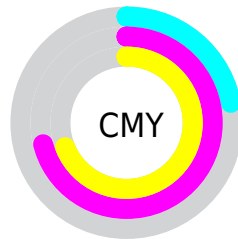


Cyan (0%)

Magenta (63%)

Yellow (60%)

Black (22%)



Cyan (22%)


Magenta (71%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1488, 17.4678, 9.3379 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 27.1488, 17.4678, 9.3379 by changing the saturation by 10% instead.


 27.1488, 17.4678,
9.3379


 27.1488, 17.4678,
9.3379


280.5313,
237.8539, 196.1889


 17.8222, 10.5686,
4.8624


 54.5408, 39.1284,
25.1305


 10.9213, 5.7775,
2.1094


 73.3368, 54.6585,
37.2847


 6.0808, 2.7103,
0.6214


 96.0200, 73.8344,
52.8356

 2.9354, 0.9824,
0.0000

 122.9558, 97.0404,
72.2017

 1.1197, 0.0000,
0.0000

 154.5094,
124.6610, 95.8016

 0.0415, 0.0000,
0.0000

191.0463,

 0.0000, 0.0000,

157.0805, 124.0537

0.0000

232.9318,
194.6833, 157.3766

■ 27.1488, 17.4678,
9.3379

■ 27.1488, 17.4678,
9.3379

■ 25.4330, 14.9896,
5.8275

■ 29.4790, 20.8588,
14.0286

■ 24.2726, 13.3333,
3.3917

■ 32.4730, 25.2364,
19.9911

■ 23.5987, 12.3943,
1.9073

■ 36.1766, 30.6703,
27.3090

■ 23.3323, 12.0232,
1.3200

■ 40.6311, 37.2230,
36.0585

■ 45.8749, 44.9521,
46.3101

■ 51.9434, 53.9114,
58.1297

■ 58.8702, 64.1512,
71.5793

■ 66.6868, 75.7191,
86.7175

■ 75.4231, 88.6602,
103.6000

Harmonies

Analogous

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



28.4378, 17.4678, 21.3838



27.1488, 17.4678, 9.3379



22.8316, 17.4678, 3.9966

Triad

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



27.1488, 17.4678, 9.3379



9.7636, 17.4678, 7.0961



15.8217, 17.4678, 63.0683

Complementary

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



27.1488, 17.4678, 9.3379



32.6449, 45.6947, 57.5550

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.



11.6241, 17.4678, 52.8049



27.1488, 17.4678, 9.3379



8.6132, 17.4678, 16.8361

Square

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



27.1488, 17.4678, 9.3379



12.7418, 17.4678, 3.2460



9.2171, 17.4678, 33.7869



21.1737, 17.4678, 57.4227

Rectangle

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



27.1488, 17.4678, 9.3379



19.2091, 17.4678, 2.7235



9.2171, 17.4678, 33.7869



14.2433, 17.4678, 61.2615

Sweetspot

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



27.1492, 17.4688, 9.3382



74.8909, 70.2467, 69.6102



34.3299, 20.1561, 55.5071



15.4803, 14.2263, 13.8239



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.



27.1492, 17.4688, 9.3382



44.2112, 25.3594, 8.6023



32.4815, 28.4134, 10.2522



10.6509, 10.6437, 11.1449



15.1813, 7.8221, 0.8984



0.7250, 0.3728, 0.0750

Inverse Universe

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



27.1492, 17.4688, 9.3382



44.2112, 25.3594, 8.6023



22.7209, 24.9398, 57.0423



10.6509, 10.6437, 11.1449



15.1813, 7.8221, 0.8984



0.7250, 0.3728, 0.0750

Previews

White Background



This preview shows how the XYZ color 27.1488, 17.4678, 9.3379 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 27.1488, 17.4678, 9.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

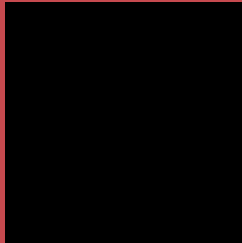
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.1488, 17.4678, 9.3379

Background



This preview shows how black text looks on a background with the XYZ color 27.1488, 17.4678, 9.3379.



This preview shows how white text looks on a background with the XYZ color 27.1488, 17.4678,

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

27.1488, 17.4678, 9.3379

Protanopia

16.5714, 17.5648, 13.8262

Deuteranopia

17.8715, 17.5126, 8.7417



Tritanopia

27.1488, 17.4678, 9.3379

Trichromacy



Original Color

27.1488, 17.4678, 9.3379

Protanomaly

19.0768, 16.5296, 11.8579

Deuteranomaly

20.5380, 16.9247, 8.8409

Tritanomaly

27.1488, 17.4678, 9.3379

Monochromacy



Original Color

27.1488, 17.4678, 9.3379

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.9956, 15.4951, 14.0990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1488, 17.4678, 9.3379 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(198, 74, 79)` looks like.

```
.text, #text, p{  
    color:rgb(198, 74, 79)  
}
```

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(198, 74, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 74, 79) }
```

Border

The CSS property to change the border of an element to XYZ 27.1488, 17.4678, 9.3379 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(198, 74, 79) }
```


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

```
.border{ border-color:rgb(198, 74, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 74, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 74, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 74, 79);  
box-shadow:4px 4px 4px 4px rgb(198, 74,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1488, 17.4678, 9.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 74, 79) }
```

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

```
.background{ background-color: rgb(198, 74,  
79) }
```

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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