

Converting Colors

XYZ(26.6230, 17.8860, 8.4399)

Have a look what the booklet for
XYZ(26.6230, 17.8860, 8.4399)
contains.

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Color

**XYZ(26.6104, 17.8338,
8.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	C3504A
RGB	195, 80, 74
RGB Percent	76%, 31%, 29%
CMY	0.2353, 0.6862, 0.7098
CMYK	0.00, 0.59, 0.62, 0.24
HSL	3°, 50%, 53%
HSV	3°, 62%, 76%
XYZ	26.6104, 17.8338, 8.5183
YIQ	113.7010, 70.4660, 22.5140

Conversions

Conversions Part 2

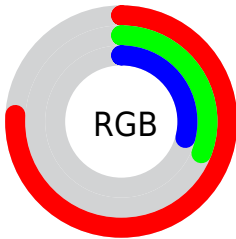
Format	Color
RYB	195, 80, 74
Decimal	12800074
CIELab	49.29, 45.66, 27.04
CIELCh	49, 53.061, 30.634
Yxy	17.8338, 0.5024, 0.3367
Android (android.graphics.Color)	4290990154 (0xFFC3504A)
YUV	113.7010, -19.5726, 71.2992
Hunter-Lab	42.2301, 38.5754, 17.6016

Details

The XYZ color **26.6104, 17.8338, 8.5183** 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 **30.8707, 41.7886, 58.0686**, and the grayscale version is **15.9472, 16.7777, 18.2710**.

A 20% lighter version of the original color is **53.2027, 39.4651, 23.5523**, and **10.5736, 5.9399, 1.8175** is the 20% darker color. If you saturate the color by 10%, you get **24.8775, 15.2615, 5.1866**, and if you desaturate by 10%, it is **28.9219, 21.2378, 13.0475**.

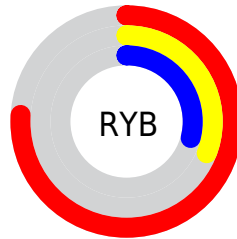
Distribution



Red (76%)

Green (31%)

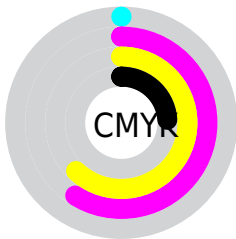
Blue (29%)



Red (76%)

Yellow (31%)

Blue (29%)

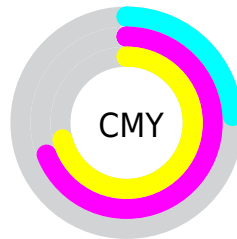


Cyan (0%)

Magenta (59%)

Yellow (62%)

Black (24%)



Cyan (24%)

Magenta (69%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6104, 17.8338, 8.5183 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 26.6104, 17.8338, 8.5183 by changing the saturation by 10% instead.

■ 26.6104, 17.8338,
8.5183

■ 26.6104, 17.8338,
8.5183

277.9678,
239.9326, 189.8264

■ 17.4159, 10.8307,
4.3359

■ 53.6824, 39.7539,
23.5312

■ 10.6286, 5.9531,
1.8113

■ 72.2905, 55.4398,
35.1986

■ 5.8831, 2.8166,
0.4354

■ 94.7673, 74.7886,
50.1982

■ 2.8141, 1.0367,
0.0000

■ 121.4781, 98.1850,
68.9484

■ 1.0562, 0.0000,
0.0000

■ 152.7882,
126.0131, 91.8678

■ 0.0000, 0.0000,
0.0000

189.0629,

158.6575, 119.3749

230.6677,
196.5025, 151.8883

■ 26.6104, 17.8338,
8.5183

■ 26.6104, 17.8338,
8.5183

■ 24.8775, 15.2615,
5.1866

■ 28.9219, 21.2378,
13.0475

■ 23.6708, 13.4470,
2.9381

■ 31.8558, 25.5334,
18.8724

■ 22.9306, 12.3083,
1.6380

■ 35.4532, 30.7784,
26.0821

■ 22.6107, 11.8122,
1.0883

■ 39.7511, 37.0249,
34.7574

■ 44.7839, 44.3211,
44.9732

■ 50.5839, 52.7122,
56.7990

■ 57.1812, 62.2408,
70.3001

■ 64.6045, 72.9470,
85.5385

■ 72.8809, 84.8693,
102.5726

Harmonies

Analogous

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



28.4581, 17.8338, 19.1158



26.6104, 17.8338, 8.5183



22.1001, 17.8338, 3.9724

Triad

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



26.6104, 17.8338, 8.5183



9.8928, 17.8338, 8.8257



17.0568, 17.8338, 61.8466

Complementary

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



26.6104, 17.8338, 8.5183



30.8707, 41.7886, 58.0686

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.



12.6703, 17.8338, 54.5225



26.6104, 17.8338, 8.5183



9.0575, 17.8338, 19.7233

Square

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



26.6104, 17.8338, 8.5183



12.5196, 17.8338, 4.0788



9.9670, 17.8338, 37.0380



22.3200, 17.8338, 53.9202

Rectangle

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



26.6104, 17.8338, 8.5183



18.5591, 17.8338, 2.9726



9.9670, 17.8338, 37.0380



15.4376, 17.8338, 61.0612

Sweetspot

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



26.6108, 17.8348, 8.5186



73.5456, 69.7229, 67.0135



34.3547, 20.2598, 51.3707



15.5618, 14.4793, 13.5732



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.



26.6108, 17.8348, 8.5186



43.7907, 26.1885, 7.8452



32.9069, 30.4269, 10.6173



10.1124, 10.1563, 10.4892



14.7141, 7.7139, 0.7134



0.6499, 0.3615, 0.0355

Inverse Universe

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



30.8707, 41.7886, 58.0686



51.9682, 72.4099, 103.7073



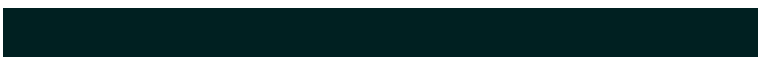
20.7193, 21.4858, 54.6848



10.3243, 11.3400, 12.9295



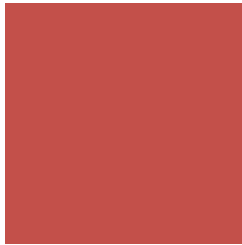
17.7405, 25.2374, 37.4929



0.7799, 1.1172, 1.6244

Previews

White Background



This preview shows how the XYZ color 26.6104, 17.8338, 8.5183 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 26.6104, 17.8338, 8.5183 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 26.6104, 17.8338, 8.5183

Background



This preview shows how black text looks on a background with the XYZ color 26.6104, 17.8338, 8.5183.



This preview shows how white text looks on a background with the XYZ color 26.6104, 17.8338,

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

26.6104, 17.8338, 8.5183

Protanopia

16.8858, 18.1138, 12.0575

Deuteranopia

18.1653, 17.8453, 7.9559



Tritanopia

27.1612, 17.9678, 10.4241

Trichromacy



Original Color

26.6104, 17.8338, 8.5183

Protanomaly

19.3130, 17.1200, 10.6741

Deuteranomaly

20.5630, 17.2379, 8.0378

Tritanomaly

27.0089, 17.9069, 9.6223

Monochromacy



Original Color

26.6104, 17.8338, 8.5183

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.3312, 16.2432, 13.9735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6104, 17.8338, 8.5183 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(195, 80, 74)` looks like.

```
.text, #text, p{  
    color:rgb(195, 80, 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(195, 80, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 80, 74) }
```

Border

The CSS property to change the border of an element to XYZ 26.6104, 17.8338, 8.5183 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(195, 80, 74) }
```


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

```
.border{ border-color:rgb(195, 80, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 80, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 80, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 80, 74);  
box-shadow:4px 4px 4px 4px rgb(195, 80,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6104, 17.8338, 8.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 80, 74) }
```

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

```
.background{ background-color: rgb(195, 80,  
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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