

Converting Colors

XYZ(26.3343, 17.8774, 8.0915)

Have a look what the booklet for
XYZ(26.3343, 17.8774, 8.0915)
contains.

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Color

**XYZ(26.4028, 17.9589,
8.0361)**

Conversions

Conversions Part 1

Format	Color
Hex	C25247
RGB	194, 82, 71
RGB Percent	76%, 32%, 28%
CMY	0.2392, 0.6784, 0.7216
CMYK	0.00, 0.58, 0.63, 0.24
HSL	5°, 50%, 52%
HSV	5°, 63%, 76%
XYZ	26.4028, 17.9589, 8.0361
YIQ	114.2340, 70.2830, 20.3230

Conversions

Conversions Part 2

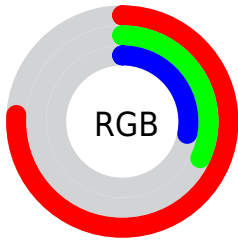
Format	Color
RYB	194, 83, 71
Decimal	12735047
CIELab	49.45, 44.15, 28.95
CIELCh	49, 52.790, 33.251
Yxy	17.9589, 0.5039, 0.3427
Android (android.graphics.Color)	4290925127 (0xFFC25247)
YUV	114.2340, -21.3144, 69.9548
Hunter-Lab	42.3779, 37.0498, 18.4214

Details

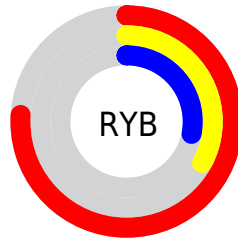
The XYZ color **26.4028, 17.9589, 8.0361** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **29.2683, 39.0989, 57.0429**, and the grayscale version is **16.1125, 16.9516, 18.4602**.

A 20% lighter version of the original color is **53.2941, 39.9440, 22.6704**, and **10.4446, 5.9780, 1.6403** is the 20% darker color. If you saturate the color by 10%, you get **24.7117, 15.4192, 4.8757**, and if you desaturate by 10%, it is **28.6363, 21.2657, 12.3580**.

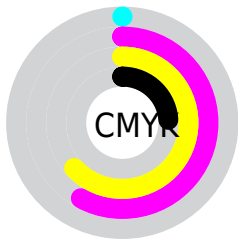
Distribution



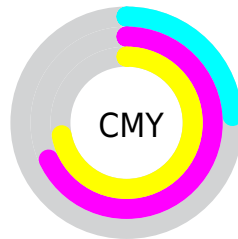
- Red (76%)
- Green (32%)
- Blue (28%)



- Red (76%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (63%)
- Black (24%)





- Cyan (24%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4028, 17.9589, 8.0361 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 26.4028, 17.9589, 8.0361 by changing the saturation by 10% instead.


 26.4028, 17.9589,
8.0361


 26.4028, 17.9589,
8.0361


276.9744,
240.6393, 185.9601


 17.2595, 10.9205,
4.0300


 53.3507, 39.9673,
22.5765


 10.5161, 6.0134,
1.6418


 71.8861, 55.7060,
33.9479


 5.8074, 2.8532,
0.3204

 94.2828, 75.1137,
48.6114

 2.7678, 1.0556,
0.0000

 120.9062, 98.5746,
66.9856

 1.0322, 0.0000,
0.0000

 152.1217,
126.4733, 89.4890

 0.0000, 0.0000,
0.0000

188.2947,

159.1940, 116.5402

229.7905,
197.1212, 148.5577

■ 26.4028, 17.9589,
8.0361

■ 26.4028, 17.9589,
8.0361

■ 24.7117, 15.4192,
4.8757

■ 28.6363, 21.2657,
12.3580

■ 23.5152, 13.5821,
2.7631

■ 31.4521, 25.3916,
17.9384

■ 22.7591, 12.3773,
1.5636

■ 34.8877, 30.3873,
24.8655

■ 22.4541, 11.8814,
1.1099

■ 38.9772, 36.2988,
33.2190

■ 43.7521, 43.1688,
43.0726

■ 49.2420, 51.0370,
54.4948

■ 55.4746, 59.9413,
67.5498

■ 62.4761, 69.9174,
82.2985

■ 70.2717, 80.9993,
98.7984

Harmonies

Analogous

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



28.5356, 17.9589, 18.0385



26.4028, 17.9589, 8.0361



21.7559, 17.9589, 3.8594

Triad

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



26.4028, 17.9589, 8.0361



9.8624, 17.9589, 9.6204



17.6187, 17.9589, 61.7453

Complementary

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



26.4028, 17.9589, 8.0361



29.2683, 39.0989, 57.0429

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.



13.1095, 17.9589, 55.7263



26.4028, 17.9589, 8.0361



9.1782, 17.9589, 21.1524

Square

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



26.4028, 17.9589, 8.0361



12.3357, 17.9589, 4.4114



10.2443, 17.9589, 38.7926



22.8814, 17.9589, 52.6556

Rectangle

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



26.4028, 17.9589, 8.0361



18.2204, 17.9589, 3.0011



10.2443, 17.9589, 38.7926



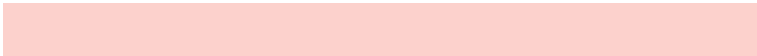
15.9679, 17.9589, 61.4317

Sweetspot

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



26.4032, 17.9599, 8.0364



74.0110, 70.6538, 67.1686



33.1268, 19.4261, 47.2136



15.6741, 14.7041, 13.6107



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.



26.4032, 17.9599, 8.0364



43.8464, 26.5263, 7.1660



33.1704, 31.4942, 10.2921



10.1441, 10.2196, 10.4998



14.7896, 7.8650, 0.7386



0.6642, 0.3902, 0.0403

Inverse Universe

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



29.2683, 39.0989, 57.0429



49.3304, 67.6141, 102.9206



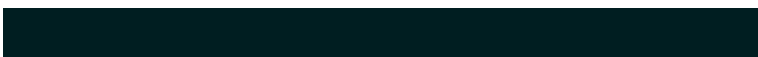
19.3265, 19.2153, 53.7290



10.2890, 11.2693, 12.9177



16.7235, 23.2034, 37.1539



0.7456, 1.0485, 1.6130

Previews

White Background



This preview shows how the XYZ color 26.4028, 17.9589, 8.0361 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 26.4028, 17.9589, 8.0361 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 26.4028, 17.9589, 8.0361

Background



This preview shows how black text looks on a background with the XYZ color 26.4028, 17.9589, 8.0361.



This preview shows how white text looks on a background with the XYZ color 26.4028, 17.9589,

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

26.4028, 17.9589, 8.0361

Protanopia

16.8705, 18.1248, 11.2036

Deuteranopia

18.3609, 18.1212, 7.5310



Tritanopia

27.0140, 17.9953, 10.6440

Trichromacy



Original Color

26.4028, 17.9589, 8.0361

Protanomaly

19.2620, 17.2616, 9.9060

Deuteranomaly

20.6648, 17.5894, 7.6161

Tritanomaly

26.8961, 18.0661, 9.6590

Monochromacy



Original Color

26.4028, 17.9589, 8.0361

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.2837, 16.2242, 13.7232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4028, 17.9589, 8.0361 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(194, 82, 71)` looks like.

```
.text, #text, p{  
    color:rgb(194, 82, 71)  
}
```

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(194, 82, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 82, 71) }
```

Border

The CSS property to change the border of an element to XYZ 26.4028, 17.9589, 8.0361 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(194, 82, 71) }
```


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

```
.border{ border-color:rgb(194, 82, 71) }
```

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

Here you see how a box with a 4 pixel rgb(194, 82, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 82, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 82, 71);  
box-shadow:4px 4px 4px 4px rgb(194, 82,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4028, 17.9589, 8.0361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 82, 71) }
```

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

```
.background{ background-color: rgb(194, 82,  
71) }
```

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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