

Converting Colors

XYZ(25.1595, 17.7161, 8.0231)

Have a look what the booklet for
XYZ(25.1595, 17.7161, 8.0231)
contains.

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Color

**XYZ(25.1249, 17.6433,
8.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5547
RGB	188, 85, 71
RGB Percent	74%, 33%, 28%
CMY	0.2627, 0.6666, 0.7216
CMYK	0.00, 0.55, 0.62, 0.26
HSL	7°, 47%, 51%
HSV	7°, 62%, 74%
XYZ	25.1249, 17.6433, 8.0425
YIQ	114.2010, 65.8820, 17.4820

Conversions

Conversions Part 2

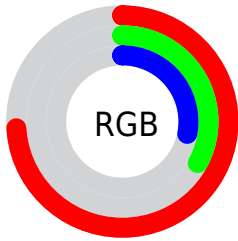
Format	Color
RYB	188, 87, 71
Decimal	12342599
CIELab	49.06, 40.46, 28.26
CIElCh	49, 49.350, 34.933
Yxy	17.6433, 0.4945, 0.3472
Android (android.graphics.Color)	4290532679 (0xFFBC5547)
YUV	114.2010, -21.2981, 64.7217
Hunter-Lab	42.0039, 33.2640, 18.0505

Details

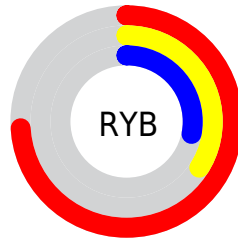
The XYZ color **25.1249, 17.6433, 8.0425** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.8106, 35.2403, 52.9658**, and the grayscale version is **16.1033, 16.9419, 18.4497**.

A 20% lighter version of the original color is **51.4027, 39.3871, 22.6626**, and **9.7949, 5.8340, 1.6467** is the 20% darker color. If you saturate the color by 10%, you get **23.4582, 15.1308, 4.9567**, and if you desaturate by 10%, it is **27.2838, 20.8418, 12.2133**.

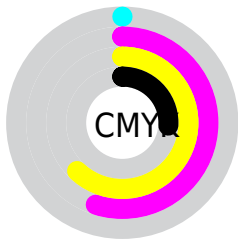
Distribution



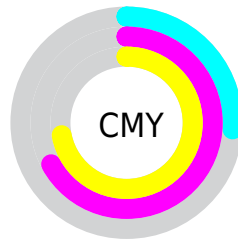
- Red (74%)
- Green (33%)
- Blue (28%)



- Red (74%)
- Yellow (34%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (62%)
- Black (26%)





- Cyan (26%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1249, 17.6433, 8.0425 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 25.1249, 17.6433, 8.0425 by changing the saturation by 10% instead.


 25.1249, 17.6433,
8.0425


 25.1249, 17.6433,
8.0425


270.7956,
238.8527, 186.0120


 16.2994, 10.6942,
4.0340


 51.3012, 39.4286,
22.5893


 9.8284, 5.8616,
1.6440


 69.3827, 55.0335,
33.9646

 5.3467, 2.7611,
0.3219

 91.2802, 74.2926,
48.6326

 2.4889, 1.0083,
0.0000

 117.3591, 97.5901,
67.0119

 0.8897, 0.0000,
0.0000

 147.9847,
125.3105, 89.5209

 0.0000, 0.0000,
0.0000

183.5224,

157.8381, 116.5782

224.3376,
195.5574, 148.6024

■ 25.1249, 17.6433,
8.0425

■ 25.1249, 17.6433,
8.0425

■ 23.4582, 15.1308,
4.9567

■ 27.2838, 20.8418,
12.2133

■ 22.2430, 13.2511,
2.8538

■ 29.9687, 24.7686,
17.5569

■ 21.4340, 11.9479,
1.6136

■ 33.2118, 29.4659,
24.1529

■ 21.0356, 11.2846,
1.0695

■ 37.0424, 34.9719,
32.0740

■ 41.4878, 41.3224,
41.3870

■ 46.5734, 48.5508,
52.1545

■ 52.3233, 56.6888,
64.4350

■ 58.7602, 65.7665,
78.2840

■ 65.9061, 75.8127,
93.7541

Harmonies

Analogous

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



27.2265, 17.6433, 17.1119



25.1249, 17.6433, 8.0425



20.8070, 17.6433, 4.1806

Triad

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



25.1249, 17.6433, 8.0425



9.9606, 17.6433, 10.3461



17.5422, 17.6433, 57.1610

Complementary

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



25.1249, 17.6433, 8.0425



26.8106, 35.2403, 52.9658

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.



13.2912, 17.6433, 52.5449



25.1249, 17.6433, 8.0425



9.4052, 17.6433, 21.4741

Square

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



25.1249, 17.6433, 8.0425



12.1937, 17.6433, 5.0200



10.5082, 17.6433, 37.6934



22.3668, 17.6433, 48.3954

Rectangle

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



25.1249, 17.6433, 8.0425



17.5636, 17.6433, 3.4059



10.5082, 17.6433, 37.6934



15.9995, 17.6433, 57.1502

Sweetspot

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



25.1253, 17.6443, 8.0428



69.3713, 66.5842, 62.7962



30.6664, 18.2676, 42.1331



14.4463, 13.6435, 12.5202



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1253, 17.6443, 8.0428



41.5410, 25.9294, 7.2586



31.7213, 30.8363, 10.2415



9.6197, 9.7154, 9.9449



14.3518, 7.7425, 0.7380



0.5929, 0.3647, 0.0391

Inverse Universe

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



26.8106, 35.2403, 52.9658



44.7279, 60.2591, 95.5000



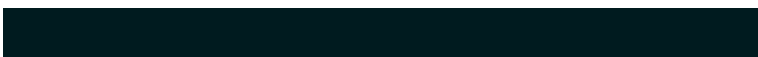
17.9038, 17.4268, 49.9969



9.7085, 10.6092, 12.2083



15.4381, 20.9879, 35.6303



0.6326, 0.8778, 1.4050

Previews

White Background



This preview shows how the XYZ color 25.1249, 17.6433, 8.0425 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 25.1249, 17.6433, 8.0425 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 25.1249, 17.6433, 8.0425

Background



This preview shows how black text looks on a background with the XYZ color 25.1249, 17.6433, 8.0425.



This preview shows how white text looks on a background with the XYZ color 25.1249, 17.6433,

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

25.1249, 17.6433, 8.0425

Protanopia

16.5657, 17.7983, 10.9498

Deuteranopia

18.1052, 17.8213, 7.6399



Tritanopia

25.8410, 17.7099, 11.2889

Trichromacy



Original Color

25.1249, 17.6433, 8.0425

Protanomaly

18.8573, 17.0572, 9.6956

Deuteranomaly

20.0928, 17.2910, 7.7473

Tritanomaly

25.6796, 17.7687, 10.0589

Monochromacy



Original Color

25.1249, 17.6433, 8.0425

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.0394, 16.2451, 13.7401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1249, 17.6433, 8.0425 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(188, 85, 71)` looks like.

```
.text, #text, p{  
    color:rgb(188, 85, 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(188, 85, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 85, 71) }
```

Border

The CSS property to change the border of an element to XYZ 25.1249, 17.6433, 8.0425 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(188, 85, 71) }
```


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

```
.border{ border-color:rgb(188, 85, 71) }
```

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

Here you see how a box with a 4 pixel rgb(188, 85, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 85, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 85, 71);  
box-shadow:4px 4px 4px 4px rgb(188, 85,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1249, 17.6433, 8.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 85, 71) }
```

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

```
.background{ background-color: rgb(188, 85,  
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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