

Converting Colors

XYZ(25.7239, 17.5415, 11.0469)

Have a look what the booklet for
XYZ(25.7239, 17.5415, 11.0469)
contains.

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Color

**XYZ(25.7239, 17.5415,
11.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5257
RGB	189, 82, 87
RGB Percent	74%, 32%, 34%
CMY	0.2588, 0.6784, 0.6588
CMYK	0.00, 0.57, 0.54, 0.26
HSL	357°, 45%, 53%
HSV	357°, 57%, 74%
XYZ	25.7239, 17.5415, 11.0469
YIQ	114.5630, 62.1670, 24.2390

Conversions

Conversions Part 2

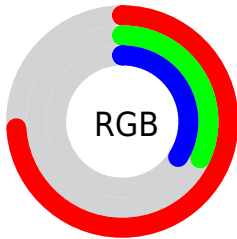
Format	Color
R _Y B	189, 82, 87
Decimal	12407383
CIE Lab	48.94, 43.53, 18.68
CIE LCh	49, 47.366, 23.223
Yxy	17.5415, 0.4736, 0.3230
Android (android.graphics.Color)	4290597463 (0xFFBD5257)
YUV	114.5630, -13.5886, 65.2812
Hunter-Lab	41.8826, 36.3386, 13.6795

Details

The XYZ color **25.7239, 17.5415, 11.0469** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.3301, 41.6502, 51.7910**, and the grayscale version is **16.1907, 17.0339, 18.5499**.

A 20% lighter version of the original color is **52.2463, 39.2738, 28.4938**, and **10.1932, 5.8230, 2.7772** is the 20% darker color. If you saturate the color by 10%, you get **23.8433, 14.8150, 7.2304**, and if you desaturate by 10%, it is **28.1816, 21.1282, 15.9624**.

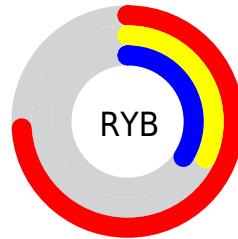
Distribution



Red (74%)

Green (32%)

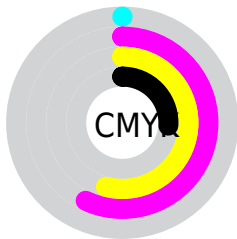
Blue (34%)



Red (74%)

Yellow (32%)

Blue (34%)

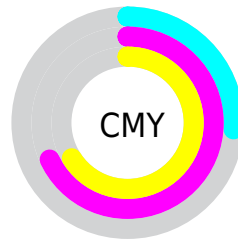


Cyan (0%)

Magenta (57%)

Yellow (54%)

Black (26%)



Cyan (26%)

Magenta (68%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7239, 17.5415, 11.0469 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 25.7239, 17.5415, 11.0469 by changing the saturation by 10% instead.

■ 25.7239, 17.5415,
11.0469

■ 25.7239, 17.5415,
11.0469

273.7057,
238.2739, 208.7380

■ 16.7488, 10.6213,
5.9838

■ 52.2637, 39.2545,
28.3848

■ 10.1497, 5.8128,
2.7666

■ 70.5591, 54.8161,
41.4968

■ 5.5614, 2.7316,
0.9767

■ 92.6919, 74.0269,
58.1287

■ 2.6184, 0.9933,
0.0000

■ 119.0276, 97.2714,
78.6993

■ 0.9553, 0.0000,
0.0000

■ 149.9315,
124.9340, 103.6269

■ 0.0000, 0.0000,
0.0000

185.7689,

157.3990, 133.3303

226.9052,
195.0508, 168.2278

■ 25.7239, 17.5415,
11.0469

■ 25.7239, 17.5415,
11.0469

■ 23.8433, 14.8150,
7.2304

■ 28.1816, 21.1282,
15.9624

■ 22.4914, 12.8743,
4.4275

■ 31.2568, 25.6361,
22.0516

■ 21.6142, 11.6367,
2.5419

■ 34.9881, 31.1237,
29.3837

■ 21.1415, 10.9922,
1.4567

■ 39.4102, 37.6440,
38.0224

■ 21.0346, 10.8381,
1.2367

■ 44.5557, 45.2462,
48.0267

■ 50.4549, 53.9762,
59.4524

■ 57.1364, 63.8774,
72.3520

■ 64.6275, 74.9909,
86.7753

■ 72.9538, 87.3558,
102.7698

Harmonies

Analogous

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



26.5697, 17.5415, 22.1057



25.7239, 17.5415, 11.0469



22.2713, 17.5415, 5.5193

Triad

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



25.7239, 17.5415, 11.0469



10.7703, 17.5415, 7.9518



15.6936, 17.5415, 54.7019

Complementary

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



25.7239, 17.5415, 11.0469



30.3301, 41.6502, 51.7910

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.



12.1010, 17.5415, 45.8398



25.7239, 17.5415, 11.0469



9.6006, 17.5415, 16.3794

Square

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



25.7239, 17.5415, 11.0469



13.5528, 17.5415, 4.3609



10.0409, 17.5415, 30.3417



20.2380, 17.5415, 51.1616

Rectangle

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



25.7239, 17.5415, 11.0469



19.2373, 17.5415, 4.0219



10.0409, 17.5415, 30.3417



14.3468, 17.5415, 52.9808

Sweetspot

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



25.7243, 17.5424, 11.0472



70.0206, 66.5893, 67.0004



31.8865, 19.8568, 50.2962



14.6981, 13.7893, 13.7070



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.



25.7243, 17.5424, 11.0472



42.0188, 25.5468, 11.5431



30.5125, 27.4342, 11.6710



9.5477, 9.5434, 10.0074



14.1607, 7.2954, 0.8737



0.5609, 0.2883, 0.0671

Inverse Universe

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



25.7243, 17.5424, 11.0472



42.0188, 25.5468, 11.5431



22.1687, 24.4746, 51.6997



9.5477, 9.5434, 10.0074



14.1607, 7.2954, 0.8737



0.5609, 0.2883, 0.0671

Previews

White Background



This preview shows how the XYZ color 25.7239, 17.5415, 11.0469 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 25.7239, 17.5415, 11.0469 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 25.7239, 17.5415, 11.0469

Background



This preview shows how black text looks on a background with the XYZ color 25.7239, 17.5415, 11.0469.

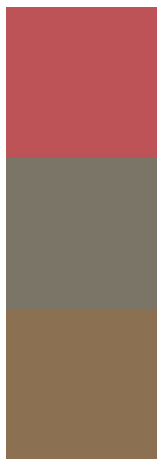


This preview shows how white text looks on a background with the XYZ color 25.7239, 17.5415,

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

25.7239, 17.5415, 11.0469

Protanopia

16.8355, 17.8394, 15.3880

Deuteranopia

17.9646, 17.6865, 10.4496



Tritanopia

25.7239, 17.5415, 11.0469

Trichromacy



Original Color

25.7239, 17.5415, 11.0469

Protanomaly

18.9620, 16.8747, 13.5670

Deuteranomaly

20.1585, 17.1156, 10.6287

Tritanomaly

25.7239, 17.5415, 11.0469

Monochromacy



Original Color

25.7239, 17.5415, 11.0469

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.5554, 16.4712, 15.5659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7239, 17.5415, 11.0469 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(189, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(189, 82, 87)  
}
```

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(189, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 82, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.7239, 17.5415, 11.0469 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(189, 82, 87) }
```


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

```
.border{ border-color:rgb(189, 82, 87) }
```

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

Here you see how a box with a 4 pixel rgb(189, 82, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(189, 82,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7239, 17.5415, 11.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 82, 87) }
```

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

```
.background{ background-color: rgb(189, 82,  
87) }
```

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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