

Converting Colors

XYZ(25.7578, 17.9250, 10.0849)

Have a look what the booklet for
XYZ(25.7578, 17.9250, 10.0849)
contains.

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Color

**XYZ(25.7578, 17.9250,
10.0849)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5552
RGB	189, 85, 82
RGB Percent	74%, 33%, 32%
CMY	0.2588, 0.6666, 0.6784
CMYK	0.00, 0.55, 0.57, 0.26
HSL	2°, 45%, 53%
HSV	2°, 57%, 74%
XYZ	25.7578, 17.9250, 10.0849
YIQ	115.7540, 62.9470, 21.1150

Conversions

Conversions Part 2

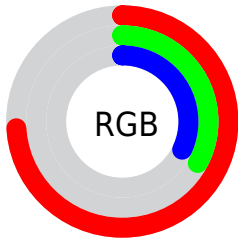
Format	Color
RYB	189, 85, 82
Decimal	12408146
CIELab	49.41, 41.65, 22.28
CIElCh	49, 47.230, 28.143
Yxy	17.9250, 0.4791, 0.3334
Android (android.graphics.Color)	4290598226 (0xFFBD5552)
YUV	115.7540, -16.6407, 64.2367
Hunter-Lab	42.3379, 34.5055, 15.5137

Details

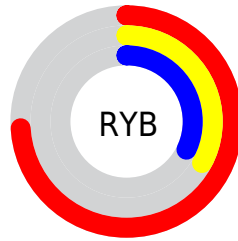
The XYZ color **25.7578, 17.9250, 10.0849** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.2228, 40.5835, 54.3846**, and the grayscale version is **16.5615, 17.4240, 18.9748**.

A 20% lighter version of the original color is **52.2521, 39.9554, 26.4309**, and **10.2379, 6.0466, 2.3778** is the 20% darker color. If you saturate the color by 10%, you get **23.8719, 15.1501, 6.3835**, and if you desaturate by 10%, it is **28.2180, 21.5317, 14.9552**.

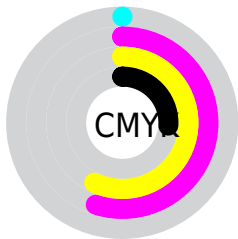
Distribution



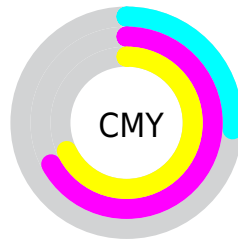
- Red (74%)
- Green (33%)
- Blue (32%)



- Red (74%)
- Yellow (33%)
- Blue (32%)



- Cyan (0%)
- Magenta (55%)
- Yellow (57%)
- Black (26%)



- Cyan (26%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7578, 17.9250, 10.0849 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 25.7578, 17.9250, 10.0849 by changing the saturation by 10% instead.


 25.7578, 17.9250,
10.0849

 25.7578, 17.9250,
10.0849


273.8697,
240.4480, 201.7837

 16.7743, 10.8962,
5.3489


 52.3181, 39.9095,
26.5654


 10.1680, 5.9970,
2.3911


 70.6255, 55.6339,
39.1470

 5.5736, 2.8433,
0.7816

 92.7716, 75.0257,
55.1809

 2.6258, 1.0505,
0.0000

 119.1217, 98.4691,
75.0856

 0.9591, 0.0000,
0.0000

 150.0412,
126.3487, 99.2797

 0.0000, 0.0000,
0.0000

185.8955,

159.0488, 128.1818

227.0498,
196.9537, 162.2102

■ 25.7578, 17.9250,
10.0849

■ 25.7578, 17.9250,
10.0849

■ 23.8719, 15.1501,
6.3835

■ 28.2180, 21.5317,
14.9552

■ 22.5126, 13.1380,
3.7520

■ 31.2925, 26.0264,
21.0802

■ 21.6267, 11.8137,
2.0772

■ 35.0193, 31.4635,
28.5389

■ 21.1472, 11.0845,
1.2087

■ 39.4328, 37.8924,
37.4034

■ 21.0439, 10.9341,
1.0013

■ 44.5652, 45.3590,
47.7408

■ 50.4465, 53.9063,
59.6137

■ 57.1052, 63.5750,
73.0812

■ 64.5680, 74.4036,
88.1993

■ 72.8605, 86.4288,
105.0213

Harmonies

Analogous

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



27.1084, 17.9250, 20.3226



25.7578, 17.9250, 10.0849



21.9679, 17.9250, 5.2192

Triad

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



25.7578, 17.9250, 10.0849



10.7501, 17.9250, 9.2245



16.7613, 17.9250, 55.7191

Complementary

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



25.7578, 17.9250, 10.0849



30.2228, 40.5835, 54.3846

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.



12.9056, 17.9250, 48.6347



25.7578, 17.9250, 10.0849



9.8320, 17.9250, 18.7335

Square

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



25.7578, 17.9250, 10.0849



13.3091, 17.9250, 4.8964



10.5473, 17.9250, 33.5198



21.4036, 17.9250, 50.1097

Rectangle

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



25.7578, 17.9250, 10.0849



18.8578, 17.9250, 4.0107



10.5473, 17.9250, 33.5198



15.3377, 17.9250, 54.6983

Sweetspot

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



25.7582, 17.9260, 10.0852



70.0647, 67.0508, 65.8642



32.9964, 20.4506, 49.3436



14.7084, 13.8967, 13.4426



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.



25.7582, 17.9260, 10.0852



42.0678, 26.1197, 10.0954



31.4953, 29.4001, 11.9976



9.5511, 9.5781, 9.9220



14.1684, 7.3756, 0.6769



0.5624, 0.3038, 0.0290

Inverse Universe

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



30.2228, 40.5835, 54.3846



50.8171, 70.6077, 97.1765



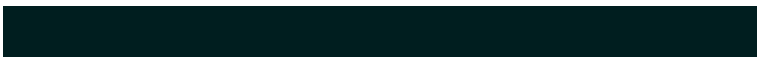
21.1511, 22.4400, 51.3606



9.7850, 10.7623, 12.2338



17.6796, 25.4709, 36.3775



0.6998, 1.0123, 1.4274

Previews

White Background



This preview shows how the XYZ color 25.7578, 17.9250, 10.0849 looks on a white background.

Color Contrast Check

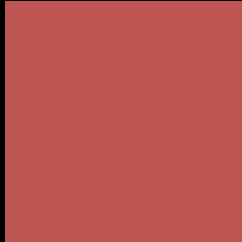
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7578, 17.9250, 10.0849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

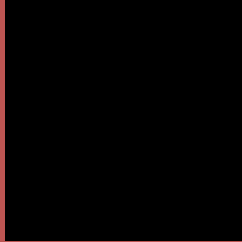
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7578, 17.9250, 10.0849

Background



This preview shows how black text looks on a background with the XYZ color 25.7578, 17.9250, 10.0849.



This preview shows how white text looks on a background with the XYZ color 25.7578, 17.9250,

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

25.7578, 17.9250, 10.0849

Protanopia

17.0472, 18.1614, 13.6733

Deuteranopia

18.4000, 18.0969, 9.5444



Tritanopia

26.0021, 17.8976, 11.7570

Trichromacy



Original Color

25.7578, 17.9250, 10.0849

Protanomaly

19.2551, 17.3593, 12.2334

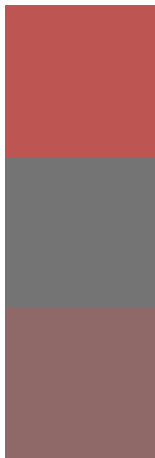
Deuteranomaly

20.5596, 17.6359, 9.7176

Tritanomaly

25.8769, 17.8476, 11.0979

Monochromacy



Original Color

25.7578, 17.9250, 10.0849

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.8780, 16.9423, 15.3719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7578, 17.9250, 10.0849 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, 85, 82)` looks like.

```
.text, #text, p{  
    color:rgb(189, 85, 82)  
}
```

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, 85, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 85, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.7578, 17.9250, 10.0849 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, 85, 82) }
```


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

```
.border{ border-color:rgb(189, 85, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 85, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 85, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 85, 82);  
box-shadow:4px 4px 4px 4px rgb(189, 85,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7578, 17.9250, 10.0849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 85, 82) }
```

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

```
.background{ background-color: rgb(189, 85,  
82) }
```

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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