

Converting Colors

XYZ(25.9978, 17.4725, 10.5984)

Have a look what the booklet for
XYZ(25.9978, 17.4725, 10.5984)
contains.

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Color

**XYZ(25.9942, 17.4696,
10.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5055
RGB	191, 80, 85
RGB Percent	75%, 31%, 33%
CMY	0.2510, 0.6862, 0.6667
CMYK	0.00, 0.58, 0.55, 0.25
HSL	357°, 46%, 53%
HSV	357°, 58%, 75%
XYZ	25.9942, 17.4696, 10.5962
YIQ	113.7590, 64.5510, 25.0870

Conversions

Conversions Part 2

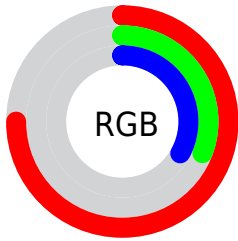
Format	Color
R_{YB}	191, 80, 85
Decimal	12537941
CIE _{Lab}	48.85, 45.04, 19.81
CIE _{LCh}	49, 49.205, 23.741
Yxy	17.4696, 0.4808, 0.3232
Android (android.graphics.Color)	4290728021 (0xFFBF5055)
YUV	113.7590, -14.1782, 67.7404
Hunter-Lab	41.7967, 37.8687, 14.2266

Details

The XYZ color **25.9942, 17.4696, 10.5962** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.8032, 42.5126, 53.0401**, and the grayscale version is **15.9503, 16.7810, 18.2745**.

A 20% lighter version of the original color is **52.5444, 39.0336, 27.6865**, and **10.2464, 5.7540, 2.5781** is the 20% darker color. If you saturate the color by 10%, you get **24.1555, 14.8063, 6.8572**, and if you desaturate by 10%, it is **28.4180, 21.0044, 15.4520**.

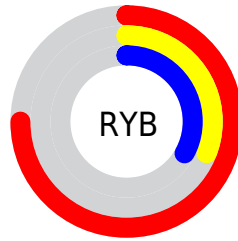
Distribution



Red (75%)

Green (31%)

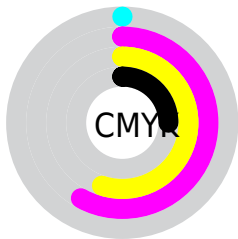
Blue (33%)



Red (75%)

Yellow (31%)

Blue (33%)

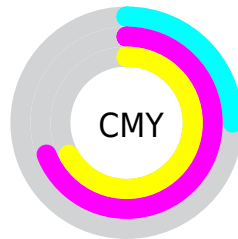


Cyan (0%)

Magenta (58%)

Yellow (55%)

Black (25%)



Cyan (25%)


Magenta (69%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9942, 17.4696, 10.5962 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 25.9942, 17.4696, 10.5962 by changing the saturation by 10% instead.


 25.9942, 17.4696,
10.5962


 25.9942, 17.4696,
10.5962


275.0108,
237.8642, 205.5129


 16.9520, 10.5699,
5.6853


 52.6970, 39.1314,
27.5362


 10.2953, 5.7784,
2.5890


 71.0882, 54.6623,
40.4023


 5.6590, 2.7108,
0.8868

 93.3265, 73.8391,
56.7572

 2.6775, 0.9827,
0.0000

 119.7771, 97.0460,
77.0195

 0.9856, 0.0000,
0.0000

 150.8055,
124.6676, 101.6076

 0.0000, 0.0000,
0.0000

186.7770,

157.0883, 130.9402

228.0570,
194.6923, 165.4358

■ 25.9942, 17.4696,
10.5962

■ 25.9942, 17.4696,
10.5962

■ 24.1555, 14.8063,
6.8572

■ 28.4180, 21.0044,
15.4520

■ 22.8512, 12.9363,
4.1454

■ 31.4694, 25.4743,
21.5029

■ 22.0243, 11.7727,
2.3586

■ 35.1883, 30.9403,
28.8212

■ 21.5915, 11.1812,
1.3692

■ 39.6110, 37.4574,
37.4734

■ 21.5328, 11.0951,
1.2534

■ 44.7712, 45.0766,
47.5211

■ 50.7005, 53.8456,
59.0221

■ 57.4285, 63.8093,
72.0311

■ 64.9833, 75.0101,
86.5999

■ 73.3917, 87.4885,
102.7776

Harmonies

Analogous

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



26.9354, 17.4696, 21.8928



25.9942, 17.4696, 10.5962



22.3493, 17.4696, 5.1072

Triad

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



25.9942, 17.4696, 10.5962



10.4896, 17.4696, 7.6989



15.6665, 17.4696, 56.4992

Complementary

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



25.9942, 17.4696, 10.5962



30.8032, 42.5126, 53.0401

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.



11.9393, 17.4696, 47.3084



25.9942, 17.4696, 10.5962



9.3240, 17.4696, 16.4127

Square

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



25.9942, 17.4696, 10.5962



13.3182, 17.4696, 4.0503



9.8014, 17.4696, 31.0296



20.3909, 17.4696, 52.5145

Rectangle

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



25.9942, 17.4696, 10.5962



19.1825, 17.4696, 3.6636



9.8014, 17.4696, 31.0296



14.2682, 17.4696, 54.7515

Sweetspot

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



25.9946, 17.4706, 10.5965



71.6706, 68.1588, 68.5333



32.3894, 19.8703, 51.4182



15.3566, 14.4041, 14.3045



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.9946, 17.4706, 10.5965



42.4666, 25.3719, 10.6406



30.9104, 27.6085, 11.2906



9.5471, 9.5431, 10.0040



14.1592, 7.2948, 0.8660



0.5606, 0.2882, 0.0656

Inverse Universe

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



25.9946, 17.4706, 10.5965



42.4666, 25.3719, 10.6406



22.2455, 24.5327, 52.8528



9.5471, 9.5431, 10.0040



14.1592, 7.2948, 0.8660



0.5606, 0.2882, 0.0656

Previews

White Background



This preview shows how the XYZ color 25.9942, 17.4696, 10.5962 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 25.9942, 17.4696, 10.5962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9942, 17.4696, 10.5962

Background



This preview shows how black text looks on a background with the XYZ color 25.9942, 17.4696, 10.5962.

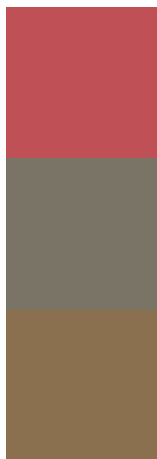


This preview shows how white text looks on a background with the XYZ color 25.9942, 17.4696,

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

25.9942, 17.4696, 10.5962

Protanopia

16.6697, 17.5877, 15.0865

Deuteranopia

17.8896, 17.6565, 10.0546



Tritanopia

25.9942, 17.4696, 10.5962

Trichromacy



Original Color

25.9942, 17.4696, 10.5962

Protanomaly

18.9942, 16.7481, 13.2979

Deuteranomaly

20.1807, 16.9926, 10.1989

Tritanomaly

25.9942, 17.4696, 10.5962

Monochromacy



Original Color

25.9942, 17.4696, 10.5962

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.3549, 16.2328, 14.9978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9942, 17.4696, 10.5962 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(191, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(191, 80, 85)  
}
```

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(191, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 80, 85) }
```

Border

The CSS property to change the border of an element to XYZ 25.9942, 17.4696, 10.5962 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(191, 80, 85) }
```


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

```
.border{ border-color:rgb(191, 80, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 80, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(191, 80,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9942, 17.4696, 10.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 80, 85) }
```

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

```
.background{ background-color: rgb(191, 80,  
85) }
```

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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