

Converting Colors

XYZ(25.5240, 17.0590, 9.1812)

Have a look what the booklet for
XYZ(25.5240, 17.0590, 9.1812)
contains.

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Color

**XYZ(25.5854, 17.0752,
9.1551)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4E4E
RGB	191, 78, 78
RGB Percent	75%, 31%, 31%
CMY	0.2510, 0.6941, 0.6941
CMYK	0.00, 0.59, 0.59, 0.25
HSL	0°, 47%, 53%
HSV	0°, 59%, 75%
XYZ	25.5854, 17.0752, 9.1551
YIQ	111.7870, 67.3480, 23.9560

Conversions

Conversions Part 2

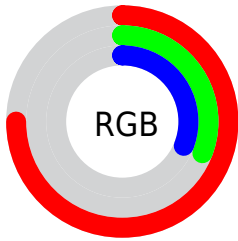
Format	Color
R_{YB}	191, 78, 78
Decimal	12537422
CIE _{Lab}	48.35, 45.45, 23.34
CIE _{LCh}	48, 51.091, 27.179
Yxy	17.0752, 0.4938, 0.3295
Android (android.graphics.Color)	4290727502 (0xFFBF4E4E)
YUV	111.7870, -16.6570, 69.4698
Hunter-Lab	41.3221, 38.2079, 15.7895

Details

The XYZ color **25.5854, 17.0752, 9.1551** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.1753, 42.6401, 55.8772**, and the grayscale version is **15.3728, 16.1733, 17.6128**.

A 20% lighter version of the original color is **52.0919, 38.4604, 24.7567**, and **10.0914, 5.5948, 2.0614** is the 20% darker color. If you saturate the color by 10%, you get **23.8318, 14.5095, 5.6687**, and if you desaturate by 10%, it is **27.9326, 20.5102, 13.8206**.

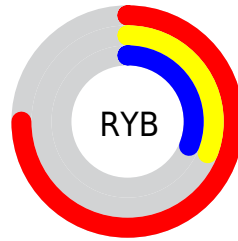
Distribution



Red (75%)

Green (31%)

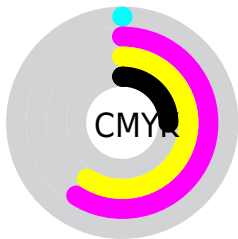
Blue (31%)



Red (75%)

Yellow (31%)

Blue (31%)

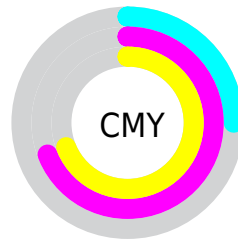


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (25%)



Cyan (25%)


Magenta (69%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5854, 17.0752, 9.1551 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 25.5854, 17.0752, 9.1551 by changing the saturation by 10% instead.


 25.5854, 17.0752,
9.1551


 25.5854, 17.0752,
9.1551


273.0350,
235.6054, 194.7912


 16.6448, 10.2881,
4.7443


 52.0414, 38.4550,
24.7762


 10.0753, 5.5904,
2.0419


 70.2875, 53.8166,
36.8236

 5.5116, 2.5977,
0.5809

 92.3662, 72.8050,
52.2535

 2.5882, 0.9255,
0.0000

 118.6427, 95.8049,
71.4846

 0.9400, 0.0000,
0.0000

 149.4825,
123.2004, 94.9354

 0.0000, 0.0000,
0.0000

185.2510,

155.3761, 123.0244

226.3133,
192.7163, 156.1702

■ 25.5854, 17.0752,
9.1551

■ 25.5854, 17.0752,
9.1551

■ 23.8318, 14.5095,
5.6687

■ 27.9326, 20.5102,
13.8206

■ 22.6178, 12.7329,
3.2554

■ 30.9189, 24.8800,
19.7570

■ 21.8812, 11.6551,
1.7914

■ 34.5866, 30.2469,
27.0482

■ 21.5120, 11.1148,
1.0575

■ 38.9741, 36.6671,
35.7704

■ 21.4859, 11.0765,
1.0056

■ 44.1171, 44.1927,
45.9945

■ 50.0487, 52.8723,
57.7863

■ 56.8001, 62.7515,
71.2081

■ 64.4009, 73.8736,
86.3184

■ 72.8792, 86.2796,
103.1732

Harmonies

Analogous

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



26.9350, 17.0752, 19.8846



25.5854, 17.0752, 9.1551



21.5914, 17.0752, 4.2834

Triad

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



25.5854, 17.0752, 9.1551



9.7996, 17.0752, 7.8568



15.7922, 17.0752, 57.8495

Complementary

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



25.5854, 17.0752, 9.1551



31.1753, 42.6401, 55.8772

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.



11.8380, 17.0752, 49.6041



25.5854, 17.0752, 9.1551



8.8193, 17.0752, 17.3566

Square

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



25.5854, 17.0752, 9.1551



12.4682, 17.0752, 3.8258



9.4877, 17.0752, 32.9638



20.6800, 17.0752, 52.0751

Rectangle

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



25.5854, 17.0752, 9.1551



18.3018, 17.0752, 3.1104



9.4877, 17.0752, 32.9638



14.3198, 17.0752, 56.5608

Sweetspot

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



25.5858, 17.0761, 9.1554



70.5559, 66.7727, 65.5616



33.6141, 20.2868, 51.4341



14.9469, 13.8630, 13.3103



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.



25.5858, 17.0761, 9.1554



41.9429, 24.9035, 8.6813



31.4553, 28.8152, 11.1119



9.5302, 9.5365, 9.9151



14.1203, 7.2794, 0.6608



0.5531, 0.2852, 0.0259

Inverse Universe

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



31.1753, 42.6401, 55.8772



52.8601, 74.8345, 99.9376



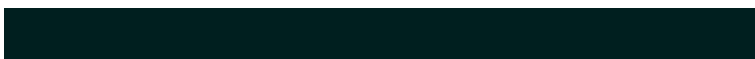
21.1403, 22.5701, 52.5322



9.8086, 10.8095, 12.2417



18.4227, 26.9570, 36.6252



0.7216, 1.0560, 1.4346

Previews

White Background



This preview shows how the XYZ color 25.5854, 17.0752, 9.1551 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 25.5854, 17.0752, 9.1551 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 25.5854, 17.0752, 9.1551

Background



This preview shows how black text looks on a background with the XYZ color 25.5854, 17.0752, 9.1551.

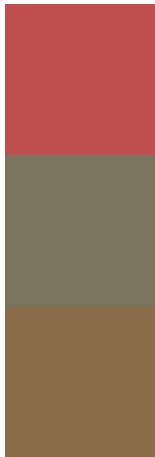


This preview shows how white text looks on a background with the XYZ color 25.5854, 17.0752,

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

25.5854, 17.0752, 9.1551

Protanopia

16.1772, 17.2072, 13.0584

Deuteranopia

17.4260, 17.1219, 8.6897



Tritanopia

25.6627, 16.9933, 9.9101

Trichromacy



Original Color

25.5854, 17.0752, 9.1551

Protanomaly

18.5454, 16.4104, 11.4226

Deuteranomaly

19.7382, 16.5125, 8.8035

Tritanomaly

25.6249, 16.9782, 9.7111

Monochromacy



Original Color

25.5854, 17.0752, 9.1551

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.8419, 15.6972, 14.1461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5854, 17.0752, 9.1551 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, 78, 78)` looks like.

```
.text, #text, p{  
    color:rgb(191, 78, 78)  
}
```

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, 78, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 78, 78) }
```

Border

The CSS property to change the border of an element to XYZ 25.5854, 17.0752, 9.1551 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, 78, 78) }
```


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

```
.border{ border-color:rgb(191, 78, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 78, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 78, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 78, 78);  
box-shadow:4px 4px 4px 4px rgb(191, 78,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5854, 17.0752, 9.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 78, 78) }
```

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

```
.background{ background-color: rgb(191, 78,  
78) }
```

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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