

Converting Colors

XYZ(26.0169, 17.9301, 9.0188)

Have a look what the booklet for
XYZ(26.0169, 17.9301, 9.0188)
contains.

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Color

**XYZ(25.9957, 17.9528,
9.1163)**

Conversions

Conversions Part 1

Format	Color
Hex	BF544D
RGB	191, 84, 77
RGB Percent	75%, 33%, 30%
CMY	0.2510, 0.6706, 0.6980
CMYK	0.00, 0.56, 0.60, 0.25
HSL	4°, 47%, 53%
HSV	4°, 60%, 75%
XYZ	25.9957, 17.9528, 9.1163
YIQ	115.1950, 66.0190, 20.5070

Conversions

Conversions Part 2

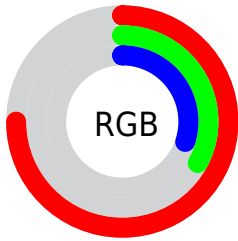
Format	Color
RYB	191, 84, 77
Decimal	12538957
CIELab	49.44, 42.49, 25.33
CIElCh	49, 49.470, 30.800
Yxy	17.9528, 0.4899, 0.3383
Android (android.graphics.Color)	4290729037 (0xFFBF544D)
YUV	115.1950, -18.8301, 66.4810
Hunter-Lab	42.3707, 35.3662, 16.9029

Details

The XYZ color **25.9957, 17.9528, 9.1163** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.6038, 39.6178, 55.3766**, and the grayscale version is **16.3968, 17.2507, 18.7860**.

A 20% lighter version of the original color is **52.8564, 40.0931, 24.6916**, and **10.2802, 5.9953, 2.0542** is the 20% darker color. If you saturate the color by 10%, you get **24.1998, 15.2866, 5.6649**, and if you desaturate by 10%, it is **28.3464, 21.4122, 13.7296**.

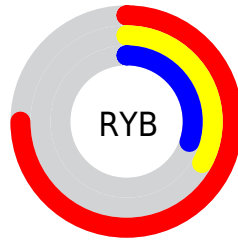
Distribution



Red (75%)

Green (33%)

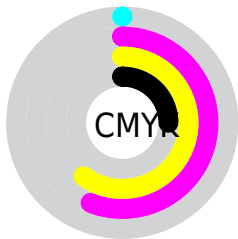
Blue (30%)



Red (75%)

Yellow (33%)

Blue (30%)

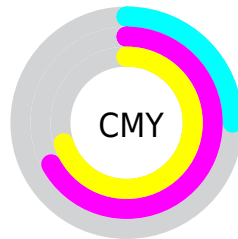


Cyan (0%)

Magenta (56%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9957, 17.9528, 9.1163 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 25.9957, 17.9528, 9.1163 by changing the saturation by 10% instead.

■ 25.9957, 17.9528,
9.1163

■ 25.9957, 17.9528,
9.1163

275.0181,
240.6049, 194.4930

■ 16.9531, 10.9161,
4.7193

■ 52.6994, 39.9569,
24.7008

■ 10.2961, 6.0104,
2.0277

■ 71.0911, 55.6931,
36.7254

■ 5.6595, 2.8514,
0.5722

■ 93.3300, 75.0979,
52.1295

■ 2.6779, 1.0547,
0.0000

■ 119.7813, 98.5557,
71.3318

■ 0.9858, 0.0000,
0.0000

■ 150.8104,
126.4509, 94.7507

■ 0.0000, 0.0000,
0.0000

186.7826,

159.1679, 122.8049

228.0634,
197.0911, 155.9128

■ 25.9957, 17.9528,
9.1163

■ 25.9957, 17.9528,
9.1163

■ 24.1998, 15.2866,
5.6649

■ 28.3464, 21.4122,
13.7296

■ 22.9119, 13.3480,
3.2710

■ 31.2913, 25.7177,
19.5951

■ 22.0794, 12.0659,
1.8132

■ 34.8675, 30.9213,
26.7950

■ 21.6242, 11.3479,
1.0679

■ 39.1087, 37.0696,
35.4047

■ 21.6140, 11.3329,
1.0483

■ 44.0464, 44.2063,
45.4934

■ 49.7099, 52.3723,
57.1263

■ 56.1269, 61.6061,
70.3643

■ 63.3236, 71.9442,
85.2652

■ 71.3251, 83.4217,
101.8838

Harmonies

Analogous

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



27.7073, 17.9528, 19.1909



25.9957, 17.9528, 9.1163



21.8292, 17.9528, 4.5971

Triad

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



25.9957, 17.9528, 9.1163



10.3650, 17.9528, 9.4952



17.1892, 17.9528, 58.1773

Complementary

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



25.9957, 17.9528, 9.1163



29.6038, 39.6178, 55.3766

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.



13.0475, 17.9528, 51.6797



25.9957, 17.9528, 9.1163



9.5686, 17.9528, 19.9086

Square

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



25.9957, 17.9528, 9.1163



12.8669, 17.9528, 4.7352



10.4551, 17.9528, 35.8906



22.0860, 17.9528, 50.9967

Rectangle

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



25.9957, 17.9528, 9.1163



18.5397, 17.9528, 3.5665



10.4551, 17.9528, 35.8906



15.6680, 17.9528, 57.5007

Sweetspot

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



25.9961, 17.9538, 9.1166



71.2065, 68.0739, 65.7785



32.9283, 19.8996, 48.1704



15.1055, 14.1801, 13.3632



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.



25.9961, 17.9538, 9.1166



42.4470, 26.0377, 8.4609



32.1596, 30.2808, 11.1711



9.5760, 9.6279, 9.9303



14.2257, 7.4902, 0.6960



0.5735, 0.3260, 0.0327

Inverse Universe

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



29.6038, 39.6178, 55.3766



49.4275, 68.2365, 98.8450



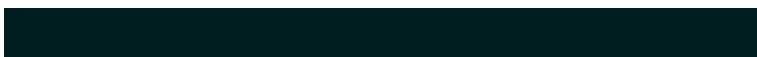
20.2229, 20.8562, 52.2497



9.7570, 10.7064, 12.2245



16.8304, 23.7726, 36.0944



0.6746, 0.9619, 1.4190

Previews

White Background



This preview shows how the XYZ color 25.9957, 17.9528, 9.1163 looks on a white background.

Color Contrast Check

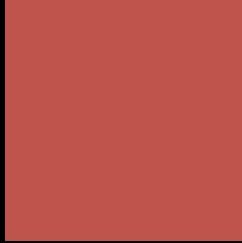
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9957, 17.9528, 9.1163 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 25.9957, 17.9528, 9.1163

Background



This preview shows how black text looks on a background with the XYZ color 25.9957, 17.9528, 9.1163.



This preview shows how white text looks on a background with the XYZ color 25.9957, 17.9528,

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

25.9957, 17.9528, 9.1163

Protanopia

16.9709, 18.1478, 12.5059

Deuteranopia

18.4025, 18.1178, 8.6581



Tritanopia

26.5170, 17.9456, 11.2988

Trichromacy



Original Color

25.9957, 17.9528, 9.1163

Protanomaly

19.4114, 17.4640, 11.1519

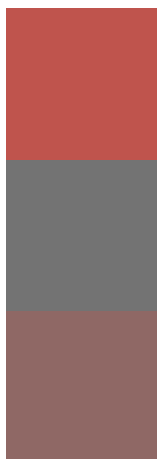
Deuteranomaly

20.4846, 17.4707, 8.7711

Tritanomaly

26.4317, 18.0331, 10.4751

Monochromacy



Original Color

25.9957, 17.9528, 9.1163

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.6270, 16.6799, 14.5497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9957, 17.9528, 9.1163 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, 84, 77)` looks like.

```
.text, #text, p{  
    color:rgb(191, 84, 77)  
}
```

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, 84, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 84, 77) }
```

Border

The CSS property to change the border of an element to XYZ 25.9957, 17.9528, 9.1163 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, 84, 77) }
```


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

```
.border{ border-color:rgb(191, 84, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 84, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 84, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 84, 77);  
box-shadow:4px 4px 4px 4px rgb(191, 84,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9957, 17.9528, 9.1163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 84, 77) }
```

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

```
.background{ background-color: rgb(191, 84,  
77) }
```

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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