

Converting Colors

XYZ(25.4538, 18.3626, 9.1243)

Have a look what the booklet for
XYZ(25.4538, 18.3626, 9.1243)
contains.

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Color

**XYZ(25.4542, 18.3989,
9.0472)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5A4C
RGB	187, 90, 76
RGB Percent	73%, 35%, 30%
CMY	0.2667, 0.6470, 0.7020
CMYK	0.00, 0.52, 0.59, 0.27
HSL	8°, 45%, 52%
HSV	8°, 59%, 73%
XYZ	25.4542, 18.3989, 9.0472
YIQ	117.4070, 62.3060, 16.2100

Conversions

Conversions Part 2

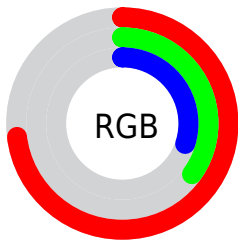
Format	Color
RYB	187, 92, 76
Decimal	12278348
CIELab	49.98, 37.91, 26.48
CIElCh	50, 46.239, 34.936
Yxy	18.3989, 0.4812, 0.3478
Android (android.graphics.Color)	4290468428 (0xFFBB5A4C)
YUV	117.4070, -20.4137, 61.0331
Hunter-Lab	42.8939, 30.8614, 17.5203

Details

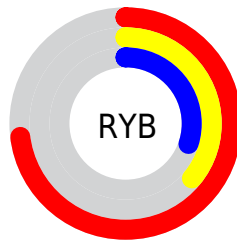
The XYZ color **25.4542, 18.3989, 9.0472** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.8927, 35.0095, 52.3537**, and the grayscale version is **17.0833, 17.9730, 19.5726**.

A 20% lighter version of the original color is **51.7324, 40.6008, 24.5122**, and **10.0261, 6.2171, 1.9679** is the 20% darker color. If you saturate the color by 10%, you get **23.6660, 15.7162, 5.6965**, and if you desaturate by 10%, it is **27.7352, 21.7652, 13.4946**.

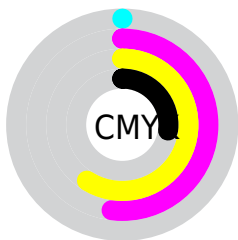
Distribution



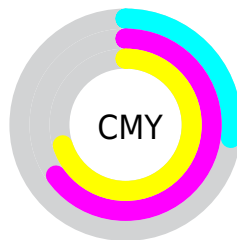
- Red (73%)
- Green (35%)
- Blue (30%)



- Red (73%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (52%)
- Yellow (59%)
- Black (27%)



- Cyan (27%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4542, 18.3989, 9.0472 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 25.4542, 18.3989, 9.0472 by changing the saturation by 10% instead.

■ 25.4542, 18.3989,
9.0472

■ 25.4542, 18.3989,
9.0472

272.3985,
243.1099, 193.9606

■ 16.5463, 11.2368,
4.6747

■ 51.8307, 40.7159,
24.5664

■ 10.0048, 6.2263,
2.0023

■ 70.0301, 56.6395,
36.5503

■ 5.4645, 2.9832,
0.5567

■ 92.0572, 76.2524,
51.9083

■ 2.5598, 1.1230,
0.0000

■ 118.2776, 99.9390,
71.0591

■ 0.9255, 0.0000,
0.0000

■ 149.0566,
128.0836, 94.4212

■ 0.0000, 0.0000,
0.0000

184.7595,

161.0707, 122.4131

225.7517,
199.2847, 155.4534

■ 25.4542, 18.3989,
9.0472

■ 25.4542, 18.3989,
9.0472

■ 23.6660, 15.7162,
5.6965

■ 27.7352, 21.7652,
13.4946

■ 22.3323, 13.6671,
3.3459

■ 30.5409, 25.8544,
19.1220

■ 21.4112, 12.1997,
1.8835

■ 33.9018, 30.7066,
26.0061

■ 20.8401, 11.2475,
1.1071

■ 37.8459, 36.3580,
34.2164

■ 20.8118, 11.2014,
1.0652

■ 42.3991, 42.8424,
43.8177

■ 47.5859, 50.1916,
54.8703

■ 53.4294, 58.4360,
67.4310

■ 59.9514, 67.6043,
81.5536

■ 67.1729, 77.7240,
97.2892

Harmonies

Analogous

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



27.4372, 18.3989, 18.0041



25.4542, 18.3989, 9.0472



21.3559, 18.3989, 5.0521

Triad

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



25.4542, 18.3989, 9.0472



10.8428, 18.3989, 11.3638



18.2318, 18.3989, 55.5602

Complementary

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



25.4542, 18.3989, 9.0472



26.8927, 35.0095, 52.3537

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.



14.1171, 18.3989, 51.3111



25.4542, 18.3989, 9.0472



10.2914, 18.3989, 22.2095

Square

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



25.4542, 18.3989, 9.0472



13.0434, 18.3989, 5.9383



11.3853, 18.3989, 37.5325



22.8414, 18.3989, 47.4761

Rectangle

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



25.4542, 18.3989, 9.0472



18.2515, 18.3989, 4.2220



11.3853, 18.3989, 37.5325



16.7454, 18.3989, 55.5508

Sweetspot

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



25.4546, 18.3999, 9.0475



68.5992, 66.2841, 62.9955



30.7228, 18.7917, 42.0778



14.6194, 13.9007, 12.8519



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.



25.4546, 18.3999, 9.0475



41.6405, 27.0132, 8.8556



31.8396, 31.1697, 11.1758



9.6246, 9.7252, 9.9465



14.3695, 7.7777, 0.7439



0.5950, 0.3689, 0.0399

Inverse Universe

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



26.8927, 35.0095, 52.3537



44.3460, 59.2121, 93.2932



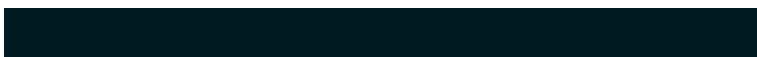
18.4936, 18.2112, 49.5540



9.7031, 10.5985, 12.2065



15.2905, 20.6927, 35.5811



0.6281, 0.8688, 1.4034

Previews

White Background



This preview shows how the XYZ color 25.4542, 18.3989, 9.0472 looks on a white 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

Black Background



This preview shows how the XYZ color 25.4542, 18.3989, 9.0472 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 25.4542, 18.3989, 9.0472

Background



This preview shows how black text looks on a background with the XYZ color 25.4542, 18.3989, 9.0472.



This preview shows how white text looks on a background with the XYZ color 25.4542, 18.3989,

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

25.4542, 18.3989, 9.0472

Protanopia

17.2604, 18.4874, 11.8912

Deuteranopia

18.8641, 18.5222, 8.7118



Tritanopia

26.2491, 18.4790, 12.7730

Trichromacy



Original Color

25.4542, 18.3989, 9.0472

Protanomaly

19.3572, 17.7548, 10.7943

Deuteranomaly

20.7514, 18.0578, 8.6951

Tritanomaly

26.0317, 18.5242, 11.2203

Monochromacy



Original Color

25.4542, 18.3989, 9.0472

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.8113, 17.2255, 14.9038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4542, 18.3989, 9.0472 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(187, 90, 76)` looks like.

```
.text, #text, p{  
    color:rgb(187, 90, 76)  
}
```

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(187, 90, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 90, 76) }
```

Border

The CSS property to change the border of an element to XYZ 25.4542, 18.3989, 9.0472 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(187, 90, 76) }
```


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

```
.border{ border-color:rgb(187, 90, 76) }
```

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

Here you see how a box with a 4 pixel rgb(187, 90, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 90, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 90, 76);  
box-shadow:4px 4px 4px 4px rgb(187, 90,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4542, 18.3989, 9.0472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 90, 76) }
```

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

```
.background{ background-color: rgb(187, 90,  
76) }
```

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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