

Converting Colors

XYZ(25.9388, 19.3639, 9.2668)

Have a look what the booklet for
XYZ(25.9388, 19.3639, 9.2668)
contains.

XYZ(25.9809, 19.4523, 9.2228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9809, 19.4523,
9.2228)**

Conversions

Conversions Part 1

Format	Color
Hex	BB604C
RGB	187, 96, 76
RGB Percent	73%, 38%, 30%
CMY	0.2667, 0.6235, 0.7020
CMYK	0.00, 0.49, 0.59, 0.27
HSL	11°, 45%, 52%
HSV	11°, 59%, 73%
XYZ	25.9809, 19.4523, 9.2228
YIQ	120.9290, 60.6560, 13.0720

Conversions

Conversions Part 2

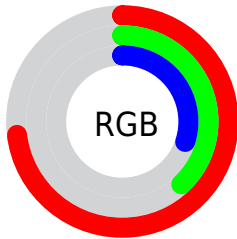
Format	Color
RYB	187, 100, 76
Decimal	12279884
CIELab	51.21, 34.79, 28.05
CIElCh	51, 44.687, 38.879
Yxy	19.4523, 0.4754, 0.3559
Android (android.graphics.Color)	4290469964 (0xFFBB604C)
YUV	120.9290, -22.1500, 57.9443
Hunter-Lab	44.1048, 27.9661, 18.4751

Details

The XYZ color **25.9809, 19.4523, 9.2228** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.7680, 32.7600, 51.9788**, and the grayscale version is **18.2071, 19.1553, 20.8601**.

A 20% lighter version of the original color is **52.6493, 42.4346, 24.8178**, and **10.2776, 6.7200, 2.0517** is the 20% darker color. If you saturate the color by 10%, you get **24.1579, 16.7000, 5.8605**, and if you desaturate by 10%, it is **28.2665, 22.8278, 13.6717**.

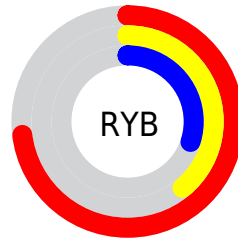
Distribution



Red (73%)

Green (38%)

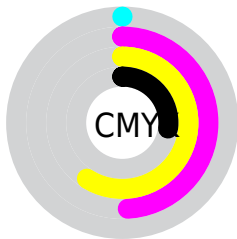
Blue (30%)



Red (73%)

Yellow (39%)

Blue (30%)

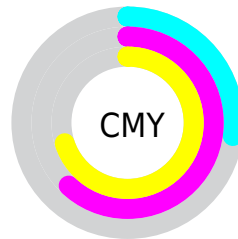


Cyan (0%)

Magenta (49%)

Yellow (59%)

Black (27%)



Cyan (27%)


Magenta (62%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9809, 19.4523, 9.2228 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 25.9809, 19.4523, 9.2228 by changing the saturation by 10% instead.


 25.9809, 19.4523,
9.2228


 25.9809, 19.4523,
9.2228


274.9467,
248.9345, 195.3102


 16.9420, 11.9976,
4.7880


 52.6757, 42.4970,
24.9076


 10.2882, 6.7420,
2.0669


 71.0622, 58.8557,
36.9946

 5.6542, 3.3013,
0.5959

 93.2953, 78.9513,
52.4695

 2.6746, 1.2910,
0.0000

 119.7403,
103.1680, 71.7507

 0.9841, 0.1342,
0.0000

 150.7626,
131.8902, 95.2569

 0.0000, 0.0000,
0.0000

186.7275,

165.5025, 123.4065

228.0004,
204.3891, 156.6181

■ 25.9809, 19.4523,
9.2228

■ 25.9809, 19.4523,
9.2228

■ 24.1579, 16.7000,
5.8605

■ 28.2665, 22.8278,
13.6717

■ 22.7633, 14.5290,
3.4896

■ 31.0429, 26.8585,
19.2894

■ 21.7601, 12.8975,
1.9998

■ 34.3375, 31.5780,
26.1514

■ 21.0919, 11.7511,
1.1910

■ 38.1752, 37.0166,
34.3263

■ 21.0570, 11.6918,
1.1469

■ 42.5794, 43.2030,
43.8779

■ 47.5721, 50.1640,
54.8658

■ 53.1740, 57.9253,
67.3460

■ 59.4049, 66.5113,
81.3716

■ 66.2836, 75.9454,
96.9929

Harmonies

Analogous

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



28.2956, 19.4523, 17.6190



25.9809, 19.4523, 9.2228



21.7463, 19.4523, 5.5597

Triad

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



25.9809, 19.4523, 9.2228



11.6013, 19.4523, 13.5210



19.8410, 19.4523, 55.7841

Complementary

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



25.9809, 19.4523, 9.2228



25.7680, 32.7600, 51.9788

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.



15.5741, 19.4523, 53.2444



25.9809, 19.4523, 9.2228



11.2586, 19.4523, 25.1917

Square

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



25.9809, 19.4523, 9.2228



13.6218, 19.4523, 7.2588



12.5963, 19.4523, 40.5828



24.3957, 19.4523, 46.5540

Rectangle

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



25.9809, 19.4523, 9.2228



18.6567, 19.4523, 4.9136



12.5963, 19.4523, 40.5828



18.3219, 19.4523, 56.3370

Sweetspot

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



25.9814, 19.4533, 9.2231



69.1642, 67.4141, 63.1838



30.1925, 18.5796, 39.2853



14.7583, 14.1785, 12.8982



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.



25.9814, 19.4533, 9.2231



42.4953, 28.7230, 9.1406



32.7044, 32.8993, 11.4641



9.6655, 9.8070, 9.9602



14.5473, 8.1333, 0.8032



0.6130, 0.4049, 0.0458

Inverse Universe

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



25.7680, 32.7600, 51.9788



41.9656, 54.4512, 92.4997



17.8554, 16.9348, 49.3412



9.6584, 10.5091, 12.1916



14.1106, 18.3329, 35.1878



0.5915, 0.7957, 1.3913

Previews

White Background



This preview shows how the XYZ color 25.9809, 19.4523, 9.2228 looks on a white background.

Color Contrast Check

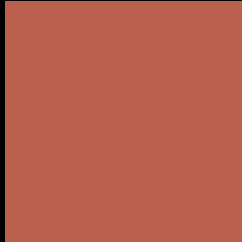
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9809, 19.4523, 9.2228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

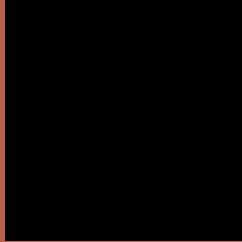
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9809, 19.4523, 9.2228

Background



This preview shows how black text looks on a background with the XYZ color 25.9809, 19.4523, 9.2228.



This preview shows how white text looks on a background with the XYZ color 25.9809, 19.4523,

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

25.9809, 19.4523, 9.2228

Protanopia

18.1956, 19.5127, 11.8241

Deuteranopia

19.9254, 19.5800, 8.8600



Tritanopia

26.9055, 19.4209, 14.1349

Trichromacy



Original Color

25.9809, 19.4523, 9.2228

Protanomaly

20.4154, 19.1102, 10.7962

Deuteranomaly

21.7755, 19.2048, 8.8625

Tritanomaly

26.6301, 19.4521, 12.2486

Monochromacy



Original Color

25.9809, 19.4523, 9.2228

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.0210, 18.6280, 15.9049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9809, 19.4523, 9.2228 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, 96, 76)` looks like.

```
.text, #text, p{  
    color:rgb(187, 96, 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, 96, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 96, 76) }
```

Border

The CSS property to change the border of an element to XYZ 25.9809, 19.4523, 9.2228 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, 96, 76) }
```


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

```
.border{ border-color:rgb(187, 96, 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, 96, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 96, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 96, 76);  
box-shadow:4px 4px 4px 4px rgb(187, 96,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9809, 19.4523, 9.2228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 96, 76) }
```

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

```
.background{ background-color: rgb(187, 96,  
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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