

Converting Colors

XYZ(25.4578, 19.3711, 9.6061)

Have a look what the booklet for
XYZ(25.4578, 19.3711, 9.6061)
contains.

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Color

**XYZ(25.4170, 19.2898,
9.5914)**

Conversions

Conversions Part 1

Format	Color
Hex	B8614E
RGB	184, 97, 78
RGB Percent	72%, 38%, 31%
CMY	0.2784, 0.6196, 0.6941
CMYK	0.00, 0.47, 0.58, 0.28
HSL	11°, 43%, 51%
HSV	11°, 58%, 72%
XYZ	25.4170, 19.2898, 9.5914
YIQ	120.8470, 57.9510, 12.5350

Conversions

Conversions Part 2

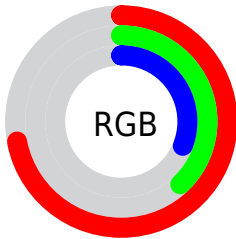
Format	Color
RYB	184, 101, 78
Decimal	12083534
CIELab	51.02, 33.23, 26.57
CIELCh	51, 42.548, 38.644
Yxy	19.2898, 0.4681, 0.3553
Android (android.graphics.Color)	4290273614 (0xFFB8614E)
YUV	120.8470, -21.1236, 55.3852
Hunter-Lab	43.9202, 26.4393, 17.7962

Details

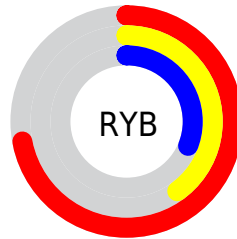
The XYZ color **25.4170, 19.2898, 9.5914** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.2478, 31.9888, 50.1909**, and the grayscale version is **18.1780, 19.1247, 20.8268**.

A 20% lighter version of the original color is **51.8864, 42.2603, 25.5010**, and **9.9357, 6.6593, 2.2006** is the 20% darker color. If you saturate the color by 10%, you get **23.5823, 16.5326, 6.1680**, and if you desaturate by 10%, it is **27.7028, 22.6541, 14.0759**.

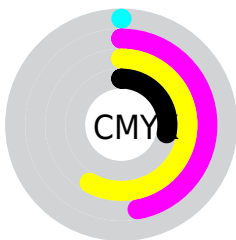
Distribution



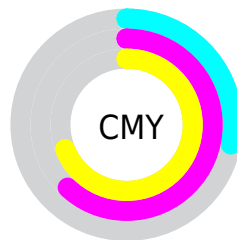
- Red (72%)
- Green (38%)
- Blue (31%)



- Red (72%)
- Yellow (40%)
- Blue (31%)



- Cyan (0%)
- Magenta (47%)
- Yellow (58%)
- Black (28%)





- Cyan (28%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4170, 19.2898, 9.5914 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 25.4170, 19.2898, 9.5914 by changing the saturation by 10% instead.


 25.4170, 19.2898,
9.5914


 25.4170, 19.2898,
9.5914


272.2178,
248.0440, 198.1081


 16.5184, 11.8799,
5.0269


 51.7710, 42.2232,
25.6198


 9.9849, 6.6619,
2.2040


 69.9570, 58.5155,
37.9207

 5.4511, 3.2516,
0.6767

 91.9696, 78.5374,
53.6374

 2.5518, 1.2644,
0.0000

 118.1740,
102.6732, 73.1886

 0.9214, 0.1134,
0.0000

 148.9357,
131.3073, 96.9927

 0.0000, 0.0000,
0.0000

184.6200,

164.8243, 125.4683

225.5923,
203.6084, 159.0339

■ 25.4170, 19.2898,
9.5914

■ 25.4170, 19.2898,
9.5914

■ 23.5823, 16.5326,
6.1680

■ 27.7028, 22.6541,
14.0759

■ 22.1663, 14.3428,
3.7164

■ 30.4663, 26.6560,
19.6990

■ 21.1345, 12.6809,
2.1339

■ 33.7336, 31.3273,
26.5319

■ 20.4404, 11.4984,
1.2685

■ 37.5283, 36.6970,
34.6399

■ 20.3106, 11.2774,
1.1063

■ 41.8727, 42.7924,
44.0834

■ 46.7878, 49.6391,
54.9190

■ 52.2933, 57.2618,
67.2002

■ 58.4081, 65.6836,
80.9775

■ 65.1503, 74.9271,
96.2989

Harmonies

Analogous

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



27.5657, 19.2898, 17.7059



25.4170, 19.2898, 9.5914



21.4454, 19.2898, 5.9589

Triad

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



25.4170, 19.2898, 9.5914



11.7775, 19.2898, 13.6370



19.5790, 19.2898, 53.3014

Complementary

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



25.4170, 19.2898, 9.5914



25.2478, 31.9888, 50.1909

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.



15.5398, 19.2898, 50.8660



25.4170, 19.2898, 9.5914



11.4352, 19.2898, 24.6866

Square

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



25.4170, 19.2898, 9.5914



13.7267, 19.2898, 7.5947



12.7073, 19.2898, 39.0775



23.8726, 19.2898, 44.8334

Rectangle

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



25.4170, 19.2898, 9.5914



18.5267, 19.2898, 5.2998



12.7073, 19.2898, 39.0775



18.1434, 19.2898, 53.7811

Sweetspot

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



25.4175, 19.2908, 9.5917



68.2698, 66.8605, 63.3102



29.4051, 18.4046, 38.2395



14.4050, 13.9731, 12.9752



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.4175, 19.2908, 9.5917



42.0262, 28.8641, 9.8892



31.8370, 32.1299, 11.7316



9.1314, 9.2657, 9.4141



14.0360, 7.8484, 0.7751



0.5348, 0.3568, 0.0407

Inverse Universe

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



25.2478, 31.9888, 50.1909



41.5894, 53.8575, 90.4082



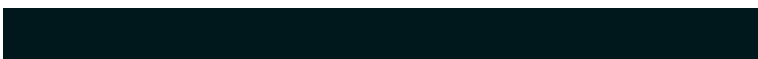
17.7361, 16.9653, 47.6870



9.1260, 9.9293, 11.5150



13.6377, 17.7351, 33.9575



0.5170, 0.6977, 1.2092

Previews

White Background



This preview shows how the XYZ color 25.4170, 19.2898, 9.5914 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 25.4170, 19.2898, 9.5914 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 25.4170, 19.2898, 9.5914

Background



This preview shows how black text looks on a background with the XYZ color 25.4170, 19.2898, 9.5914.



This preview shows how white text looks on a background with the XYZ color 25.4170, 19.2898,

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

25.4170, 19.2898, 9.5914

Protanopia

18.0811, 19.4489, 12.0336

Deuteranopia

19.8101, 19.5129, 9.2008



Tritanopia

26.3593, 19.2593, 14.6400

Trichromacy



Original Color

25.4170, 19.2898, 9.5914

Protanomaly

20.0830, 18.9344, 10.9837

Deuteranomaly

21.5439, 19.2369, 9.2342

Tritanomaly

26.0756, 19.2890, 12.7047

Monochromacy



Original Color

25.4170, 19.2898, 9.5914

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.8456, 18.5376, 15.8967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4170, 19.2898, 9.5914 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(184, 97, 78)` looks like.

```
.text, #text, p{  
    color:rgb(184, 97, 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(184, 97, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 97, 78) }
```

Border

The CSS property to change the border of an element to XYZ 25.4170, 19.2898, 9.5914 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(184, 97, 78) }
```


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

```
.border{ border-color:rgb(184, 97, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 97, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 97, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 97, 78);  
box-shadow:4px 4px 4px 4px rgb(184, 97,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4170, 19.2898, 9.5914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 97, 78) }
```

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

```
.background{ background-color: rgb(184, 97,  
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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