

Converting Colors

XYZ(25.6611, 18.6643, 9.8775)

Have a look what the booklet for
XYZ(25.6611, 18.6643, 9.8775)
contains.

XYZ(25.6826, 18.6262, 9.8310)	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(25.6826, 18.6262,
9.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5B50
RGB	187, 91, 80
RGB Percent	73%, 36%, 31%
CMY	0.2667, 0.6431, 0.6863
CMYK	0.00, 0.51, 0.57, 0.27
HSL	6°, 44%, 52%
HSV	6°, 57%, 73%
XYZ	25.6826, 18.6262, 9.8310
YIQ	118.4500, 60.7470, 16.9310

Conversions

Conversions Part 2

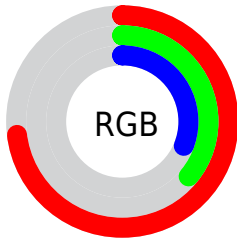
Format	Color
RYB	187, 92, 80
Decimal	12278608
CIELab	50.25, 37.70, 24.49
CIElCh	50, 44.960, 33.012
Yxy	18.6262, 0.4744, 0.3440
Android (android.graphics.Color)	4290468688 (0xFFBB5B50)
YUV	118.4500, -18.9558, 60.1184
Hunter-Lab	43.1581, 30.6955, 16.7050

Details

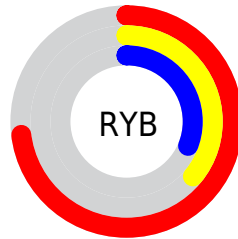
The XYZ color **25.6826, 18.6262, 9.8310** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.8021, 36.3417, 52.5629**, and the grayscale version is **17.4061, 18.3126, 19.9424**.

A 20% lighter version of the original color is **52.1427, 41.0041, 25.9352**, and **10.1496, 6.3744, 2.2855** is the 20% darker color. If you saturate the color by 10%, you get **23.8080, 15.8332, 6.2588**, and if you desaturate by 10%, it is **28.0710, 22.1393, 14.5233**.

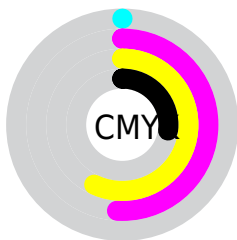
Distribution



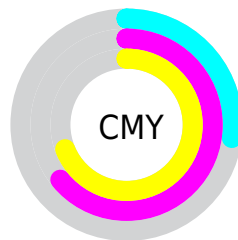
- Red (73%)
- Green (36%)
- Blue (31%)



- Red (73%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (57%)
- Black (27%)





- Cyan (27%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6826, 18.6262, 9.8310 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 25.6826, 18.6262, 9.8310 by changing the saturation by 10% instead.


 25.6826, 18.6262,
9.8310


 25.6826, 18.6262,
9.8310


273.5059,
244.3773, 199.9024


 16.7178, 11.4005,
5.1829


 52.1974, 41.1015,
26.0800


 10.1275, 6.3369,
2.2944


 70.4781, 57.1199,
38.5179

 5.5465, 3.0510,
0.7281


 92.5948, 76.8380,
54.3896

 2.6094, 1.1584,
0.0000

 118.9129,
100.6401, 74.1135

 0.9507, 0.0273,
0.0000

 149.7977,
128.9107, 98.1082

 0.0000, 0.0000,
0.0000

185.6145,

162.0342, 126.7922

226.7288,
200.3949, 160.5841

■ 25.6826, 18.6262,
9.8310

■ 25.6826, 18.6262,
9.8310

■ 23.8080, 15.8332,
6.2588

■ 28.0710, 22.1393,
14.5233

■ 22.4078, 13.7075,
3.7121

■ 31.0059, 26.4145,
20.4177

■ 21.4391, 12.1939,
2.0824

■ 34.5190, 31.4942,
27.5897

■ 20.8465, 11.2253,
1.2173

■ 38.6392, 37.4167,
36.1083

■ 20.7303, 11.0385,
1.0380

■ 43.3932, 44.2181,
46.0375

■ 48.8064, 51.9320,
57.4373

■ 54.9027, 60.5906,
70.3641

■ 61.7047, 70.2243,
84.8716

■ 69.2341, 80.8622,
101.0105

Harmonies

Analogous

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



27.4364, 18.6262, 19.0482



25.6826, 18.6262, 9.8310



21.7762, 18.6262, 5.5500

Triad

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



25.6826, 18.6262, 9.8310



11.2485, 18.6262, 11.2383



18.1467, 18.6262, 54.8299

Complementary

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



25.6826, 18.6262, 9.8310



27.8021, 36.3417, 52.5629

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.



14.1734, 18.6262, 49.9830



25.6826, 18.6262, 9.8310



10.5970, 18.6262, 21.5654

Square

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



25.6826, 18.6262, 9.8310



13.5273, 18.6262, 6.0975



11.5764, 18.6262, 36.3269



22.6616, 18.6262, 47.7219

Rectangle

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



25.6826, 18.6262, 9.8310



18.7406, 18.6262, 4.5874



11.5764, 18.6262, 36.3269



16.7056, 18.6262, 54.5494

Sweetspot

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



25.6831, 18.6272, 9.8313



69.1583, 66.9497, 64.5775



31.2283, 19.4487, 43.3380



14.8829, 14.2457, 13.5008



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.



25.6831, 18.6272, 9.8313



41.8295, 27.1355, 9.7071



31.9450, 31.1511, 11.9187



9.6070, 9.6901, 9.9407



14.3094, 7.6576, 0.7239



0.5873, 0.3535, 0.0373

Inverse Universe

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



27.8021, 36.3417, 52.5629



45.9146, 61.8071, 93.7114



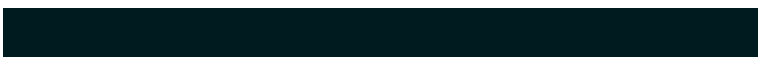
19.3362, 19.4098, 49.7409



9.7225, 10.6373, 12.2130



15.8292, 21.7700, 35.7607



0.6445, 0.9016, 1.4089

Previews

White Background



This preview shows how the XYZ color 25.6826, 18.6262, 9.8310 looks on a white background.

Color Contrast Check

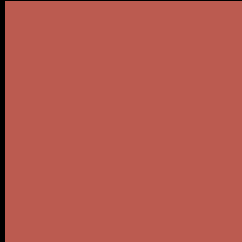
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6826, 18.6262, 9.8310 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 25.6826, 18.6262, 9.8310

Background



This preview shows how black text looks on a background with the XYZ color 25.6826, 18.6262, 9.8310.



This preview shows how white text looks on a background with the XYZ color 25.6826, 18.6262,

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

25.6826, 18.6262, 9.8310

Protanopia

17.5503, 18.7948, 12.8280

Deuteranopia

19.1123, 18.8030, 9.4595



Tritanopia

26.3770, 18.6623, 13.0384

Trichromacy



Original Color

25.6826, 18.6262, 9.8310

Protanomaly

19.6245, 18.0314, 11.6786

Deuteranomaly

20.9908, 18.3175, 9.4505

Tritanomaly

26.2407, 18.7419, 11.9074

Monochromacy



Original Color

25.6826, 18.6262, 9.8310

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.1889, 17.5642, 15.4756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6826, 18.6262, 9.8310 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, 91, 80)` looks like.

```
.text, #text, p{  
    color:rgb(187, 91, 80)  
}
```

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, 91, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 91, 80) }
```

Border

The CSS property to change the border of an element to XYZ 25.6826, 18.6262, 9.8310 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, 91, 80) }
```


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

```
.border{ border-color:rgb(187, 91, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 91, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 91, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 91, 80);  
box-shadow:4px 4px 4px 4px rgb(187, 91,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6826, 18.6262, 9.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 91, 80) }
```

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

```
.background{ background-color: rgb(187, 91,  
80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor