

Converting Colors

XYZ(18.6212, 15.5355, 8.3205)

Have a look what the booklet for
XYZ(18.6212, 15.5355, 8.3205)
contains.

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Color

**XYZ(18.6212, 15.5355,
8.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5F49
RGB	154, 95, 73
RGB Percent	60%, 37%, 29%
CMY	0.3961, 0.6274, 0.7137
CMYK	0.00, 0.38, 0.53, 0.40
HSL	16°, 36%, 45%
HSV	16°, 53%, 60%
XYZ	18.6212, 15.5355, 8.3205
YIQ	110.1330, 42.2260, 5.6660

Conversions

Conversions Part 2

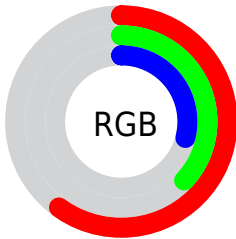
Format	Color
R_{YB}	154, 103, 73
Decimal	10116937
CIE _{Lab}	46.36, 21.61, 22.64
CIE _{LCh}	46, 31.300, 46.341
Yxy	15.5355, 0.4384, 0.3657
Android (android.graphics.Color)	4288307017 (0xFF9A5F49)
YUV	110.1330, -18.3066, 38.4714
Hunter-Lab	39.4151, 15.3538, 15.0745

Details

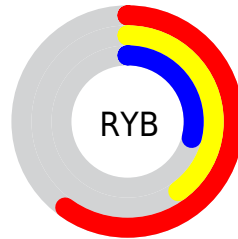
The XYZ color **18.6212, 15.5355, 8.3205** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8311, 20.2509, 33.5934**, and the grayscale version is **14.9020, 15.6781, 17.0734**.

A 20% lighter version of the original color is **40.6557, 35.8118, 23.1819**, and **6.5343, 4.9119, 1.7661** is the 20% darker color. If you saturate the color by 10%, you get **17.2338, 13.4792, 5.6434**, and if you desaturate by 10%, it is **20.2813, 17.9349, 11.7126**.

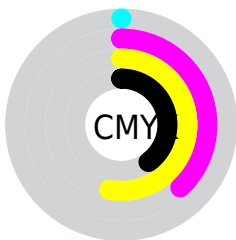
Distribution



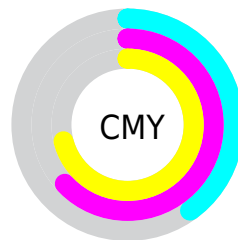
- Red (60%)
- Green (37%)
- Blue (29%)



- Red (60%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6212, 15.5355, 8.3205 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 18.6212, 15.5355, 8.3205 by changing the saturation by 10% instead.

■ 18.6212, 15.5355,
8.3205

■ 18.6212, 15.5355,
8.3205

237.3280,
226.5850, 188.2522

■ 11.4993, 9.1961,
4.2100

■ 40.6149, 35.7899,
23.1409

■ 6.4735, 4.8693,
1.7412

■ 56.2173, 50.4737,
34.6878

■ 3.1784, 2.1708,
0.3888

■ 75.3773, 68.7077,
49.5506

■ 1.2488, 0.7040,
0.0000

■ 98.4602, 90.8763,
68.1479

■ 0.1444, 0.0000,
0.0000

■ 125.8314,
117.3639, 90.8981

■ 0.0000, 0.0000,
0.0000

157.8562,

148.5550, 118.2199

194.8999,
184.8339, 150.5317

■ 18.6212, 15.5355,
8.3205

■ 18.6212, 15.5355,
8.3205

■ 17.2338, 13.4792,
5.6434

■ 20.2813, 17.9349,
11.7126

■ 16.1024, 11.7476,
3.6282

■ 22.2273, 20.6902,
15.8658

■ 15.2096, 10.3237,
2.2159

■ 24.4729, 23.8162,
20.8231

■ 14.5356, 9.1882,
1.3363

■ 27.0306, 27.3263,
26.6243

■ 14.1485, 8.5142,
0.8977

■ 29.9120, 31.2332,
33.3064

■ 33.1282, 35.5488,
40.9043

■ 36.6898, 40.2848,
49.4507

■ 40.6068, 45.4523,
58.9771

■ 44.8889, 51.0618,
69.5133

Harmonies

Analogous

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



20.2899, 15.5355, 13.0901



18.6212, 15.5355, 8.3205



16.0179, 15.5355, 6.2380

Triad

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



18.6212, 15.5355, 8.3205



10.2993, 15.5355, 13.6613



16.2655, 15.5355, 35.4214

Complementary

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



18.6212, 15.5355, 8.3205



16.8311, 20.2509, 33.5934

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.



13.5811, 15.5355, 35.7152



18.6212, 15.5355, 8.3205



10.3485, 15.5355, 21.4219

Square

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



18.6212, 15.5355, 8.3205



11.3396, 15.5355, 8.6290



11.4834, 15.5355, 30.0127



18.8212, 15.5355, 29.3017

Rectangle

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



18.6212, 15.5355, 8.3205



14.2036, 15.5355, 6.0711



11.4834, 15.5355, 30.0127



15.3431, 15.5355, 36.2568

Sweetspot

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



18.6216, 15.5363, 8.3208



47.3057, 47.1832, 44.2575



19.9012, 13.3121, 23.4941



10.5065, 10.4040, 9.5613



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.6216, 15.5363, 8.3208



30.9328, 23.9218, 9.5608



23.2069, 24.7068, 9.8492



6.3386, 6.4822, 6.5230



11.5537, 6.9898, 0.7402



0.1999, 0.1589, 0.0201

Inverse Universe

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



16.8311, 20.2509, 33.5934



27.2749, 33.3430, 60.5346



12.3989, 11.3866, 32.1160



6.2426, 6.7426, 7.9014



9.5182, 11.4331, 26.6128



0.1718, 0.2300, 0.4077

Previews

White Background



This preview shows how the XYZ color 18.6212, 15.5355, 8.3205 looks on a white background.

Color Contrast Check

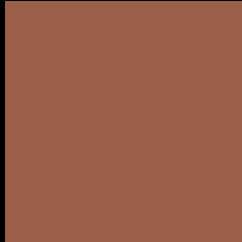
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6212, 15.5355, 8.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

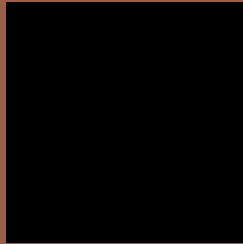
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.6212, 15.5355, 8.3205

Background



This preview shows how black text looks on a background with the XYZ color 18.6212, 15.5355, 8.3205.



This preview shows how white text looks on a background with the XYZ color 18.6212, 15.5355,

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

18.6212, 15.5355, 8.3205

Protanopia

14.5950, 15.6383, 9.6464

Deuteranopia

15.8618, 15.5446, 8.1256



Tritanopia

19.7421, 15.6041, 13.5266

Trichromacy



Original Color

18.6212, 15.5355, 8.3205

Protanomaly

15.9068, 15.5445, 9.1832

Deuteranomaly

16.8079, 15.4380, 8.2248

Tritanomaly

19.2351, 15.5185, 11.4328

Monochromacy



Original Color

18.6212, 15.5355, 8.3205

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.8134, 15.4018, 13.4487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6212, 15.5355, 8.3205 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(154, 95, 73)` looks like.

```
.text, #text, p{  
    color:rgb(154, 95, 73)  
}
```

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(154, 95, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 95, 73) }
```

Border

The CSS property to change the border of an element to XYZ 18.6212, 15.5355, 8.3205 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(154, 95, 73) }
```


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

```
.border{ border-color:rgb(154, 95, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 95, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 95, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 95, 73);  
box-shadow:4px 4px 4px 4px rgb(154, 95,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6212, 15.5355, 8.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 95, 73) }
```

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

```
.background{ background-color: rgb(154, 95,  
73) }
```

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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