

Converting Colors

XYZ(18.7774, 15.9397, 6.5248)

Have a look what the booklet for
XYZ(18.7774, 15.9397, 6.5248)
contains.

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Color

**XYZ(18.8273, 15.9542,
6.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	9C613D
RGB	156, 97, 61
RGB Percent	61%, 38%, 24%
CMY	0.3882, 0.6196, 0.7608
CMYK	0.00, 0.38, 0.61, 0.39
HSL	23°, 44%, 43%
HSV	23°, 61%, 61%
XYZ	18.8273, 15.9542, 6.5020
YIQ	110.5370, 46.7200, 1.3120

Conversions

Conversions Part 2

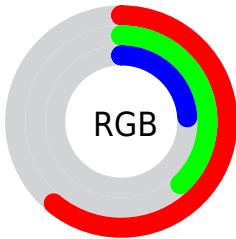
Format	Color
R_{YB}	156, 119, 61
Decimal	10248509
CIE _{Lab}	46.91, 20.28, 30.30
CIE _{LCh}	47, 36.462, 56.202
Yxy	15.9542, 0.4560, 0.3865
Android (android.graphics.Color)	4288438589 (0xFF9C613D)
YUV	110.5370, -24.4217, 39.8711
Hunter-Lab	39.9427, 14.2376, 18.3085

Details

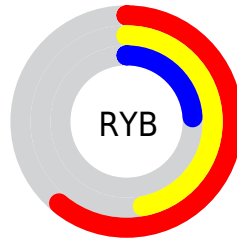
The XYZ color **18.8273, 15.9542, 6.5020** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.6413, 16.8245, 33.9282**, and the grayscale version is **15.0347, 15.8176, 17.2254**.

A 20% lighter version of the original color is **41.0818, 36.5801, 19.3634**, and **6.6010, 5.0853, 1.1239** is the 20% darker color. If you saturate the color by 10%, you get **17.6255, 14.1282, 4.3213**, and if you desaturate by 10%, it is **20.2614, 18.0494, 9.3635**.

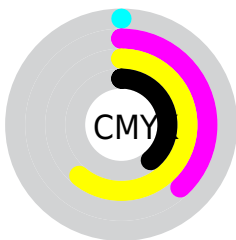
Distribution



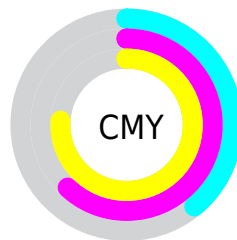
- Red (61%)
- Green (38%)
- Blue (24%)



- Red (61%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (61%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8273, 15.9542, 6.5020 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 18.8273, 15.9542, 6.5020 by changing the saturation by 10% instead.

■ 18.8273, 15.9542,
6.5020

■ 18.8273, 15.9542,
6.5020

238.4501,
229.0713, 172.9299

■ 11.6488, 9.4917,
3.0790

■ 40.9612, 36.5187,
19.4596

■ 6.5755, 5.0633,
1.1351

■ 56.6473, 51.3895,
29.8313

■ 3.2420, 2.2844,
0.0000

■ 75.9001, 69.8319,
43.3563

■ 1.2830, 0.7655,
0.0000

■ 99.0848, 92.2302,
60.4532

■ 0.1705, 0.0000,
0.0000

■ 126.5668,
118.9690, 81.5404

■ 0.0000, 0.0000,
0.0000

■ 158.7114,

150.4325, 107.0366

195.8841,
187.0051, 137.3603

■ 18.8273, 15.9542,
6.5020

■ 18.8273, 15.9542,
6.5020

■ 17.6255, 14.1282,
4.3213

■ 20.2614, 18.0494,
9.3635

■ 16.6402, 12.5568,
2.7617

■ 21.9401, 20.4227,
12.9569

■ 15.8544, 11.2273,
1.7541

■ 23.8759, 23.0854,
17.3294

■ 15.2805, 10.2084,
1.1650

■ 26.0803, 26.0475,
22.5238

■ 28.5638, 29.3185,
28.5800

■ 31.3363, 32.9074,
35.5350

■ 34.4074, 36.8227,
43.4239

■ 37.7861, 41.0728,
52.2797

■ 41.4810, 45.6656,
62.1338

Harmonies

Analogous

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



21.3408, 15.9542, 10.7280



18.8273, 15.9542, 6.5020



15.5728, 15.9542, 5.0994

Triad

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



18.8273, 15.9542, 6.5020



9.8430, 15.9542, 16.2366



18.0282, 15.9542, 38.3057

Complementary

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



18.8273, 15.9542, 6.5020



14.6413, 16.8245, 33.9282

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.



14.7624, 15.9542, 41.3682



18.8273, 15.9542, 6.5020



10.3114, 15.9542, 26.3106

Square

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



18.8273, 15.9542, 6.5020



10.6279, 15.9542, 9.3354



12.0096, 15.9542, 36.3732



20.8359, 15.9542, 29.0515

Rectangle

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



18.8273, 15.9542, 6.5020



13.5206, 15.9542, 5.3953



12.0096, 15.9542, 36.3732



16.9355, 15.9542, 40.2072

Sweetspot

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



18.8277, 15.9550, 6.5023



48.4667, 48.7654, 43.5533



18.8405, 11.7901, 19.4256



10.4063, 10.3875, 8.9610



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.



18.8277, 15.9550, 6.5023



31.3346, 24.5964, 6.7206



24.4252, 27.1500, 8.3681



6.8288, 7.0376, 6.9841



12.6178, 8.4713, 0.9701



0.2649, 0.2300, 0.0304

Inverse Universe

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



14.6413, 16.8245, 33.9282



23.0002, 26.2165, 60.9748



10.3519, 8.2457, 32.4984



6.6105, 7.0867, 8.4261



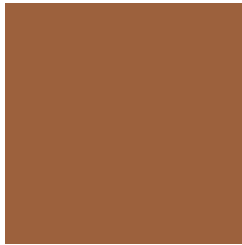
8.4886, 9.0688, 27.2103



0.1915, 0.2416, 0.4998

Previews

White Background



This preview shows how the XYZ color 18.8273, 15.9542, 6.5020 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 18.8273, 15.9542, 6.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

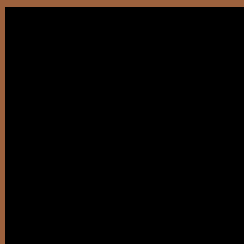
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.8273, 15.9542, 6.5020

Background



This preview shows how black text looks on a background with the XYZ color 18.8273, 15.9542, 6.5020.



This preview shows how white text looks on a background with the XYZ color 18.8273, 15.9542,

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

18.8273, 15.9542, 6.5020

Protanopia

14.8036, 16.1193, 7.4854

Deuteranopia

16.2600, 15.9422, 6.3578



Tritanopia

20.3774, 15.9261, 13.8044

Trichromacy



Original Color

18.8273, 15.9542, 6.5020

Protanomaly

16.0146, 15.9539, 7.0858

Deuteranomaly

17.1675, 15.9560, 6.4500

Tritanomaly

19.7429, 15.9304, 10.6286

Monochromacy



Original Color

18.8273, 15.9542, 6.5020

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.8822, 15.6104, 12.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8273, 15.9542, 6.5020 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(156, 97, 61)` looks like.

```
.text, #text, p{  
    color:rgb(156, 97, 61)  
}
```

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(156, 97, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 97, 61) }
```

Border

The CSS property to change the border of an element to XYZ 18.8273, 15.9542, 6.5020 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(156, 97, 61) }
```


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

```
.border{ border-color:rgb(156, 97, 61) }
```

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

Here you see how a box with a 4 pixel rgb(156, 97, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 97, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 97, 61);  
box-shadow:4px 4px 4px 4px rgb(156, 97,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8273, 15.9542, 6.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 97, 61) }
```

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

```
.background{ background-color: rgb(156, 97,  
61) }
```

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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