

Converting Colors

XYZ(18.6177, 15.7667, 12.1195)

Have a look what the booklet for
XYZ(18.6177, 15.7667, 12.1195)
contains.

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Color

**XYZ(18.6009, 15.7117,
12.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	95615C
RGB	149, 97, 92
RGB Percent	58%, 38%, 36%
CMY	0.4157, 0.6196, 0.6392
CMYK	0.00, 0.35, 0.38, 0.42
HSL	5°, 24%, 47%
HSV	5°, 38%, 58%
XYZ	18.6009, 15.7117, 12.1775
YIQ	111.9780, 32.5970, 9.4690

Conversions

Conversions Part 2

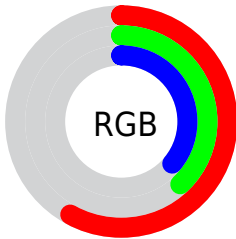
Format	Color
R_{YB}	149, 97, 92
Decimal	9789788
CIE _{Lab}	46.59, 20.49, 11.56
CIE _{LCh}	47, 23.527, 29.432
Yxy	15.7117, 0.4001, 0.3380
Android (android.graphics.Color)	4287979868 (0xFF95615C)
YUV	111.9780, -9.8492, 32.4683
Hunter-Lab	39.6380, 14.3981, 9.5316

Details

The XYZ color **18.6009, 15.7117, 12.1775** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8112, 24.3907, 32.0975**, and the grayscale version is **15.4163, 16.2192, 17.6627**.

A 20% lighter version of the original color is **40.6492, 36.1119, 30.4190**, and **6.4576, 4.9653, 3.2028** is the 20% darker color. If you saturate the color by 10%, you get **16.8624, 13.1766, 8.6944**, and if you desaturate by 10%, it is **20.6835, 18.7300, 16.4077**.

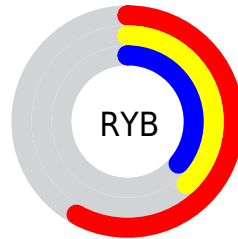
Distribution



Red (58%)

Green (38%)

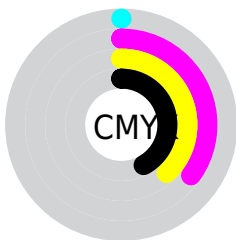
Blue (36%)



Red (58%)

Yellow (38%)

Blue (36%)

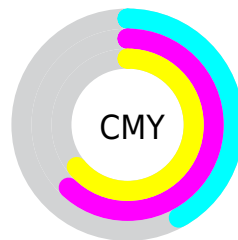


Cyan (0%)

Magenta (35%)

Yellow (38%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6009, 15.7117, 12.1775 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 18.6009, 15.7117, 12.1775 by changing the saturation by 10% instead.

■ 18.6009, 15.7117,
12.1775

■ 18.6009, 15.7117,
12.1775

237.2172,
227.6345, 216.5963

■ 11.4845, 9.3204,
6.7407

■ 40.5807, 36.0970,
30.4872

■ 6.4634, 4.9507,
3.2245

■ 56.1749, 50.8597,
44.1971

■ 3.1722, 2.2184,
1.2104

■ 75.3257, 69.1817,
61.5019

■ 1.2455, 0.7300,
0.0000

■ 98.3986, 91.4474,
82.8199

■ 0.1418, 0.0000,
0.0000

125.7588,
118.0411, 108.5699

■ 0.0000, 0.0000,
0.0000

157.7717,

149.3472, 139.1702

194.8027,
185.7502, 175.0395

■ 18.6009, 15.7117,
12.1775

■ 18.6009, 15.7117,
12.1775

■ 16.8624, 13.1766,
8.6944

■ 20.6835, 18.7300,
16.4077

■ 15.4484, 11.0974,
5.9142

■ 23.1262, 22.2523,
21.4239

■ 14.3389, 9.4477,
3.7891


■ 25.9453, 26.3011,
27.2637


■ 13.5113, 8.1975,
2.2654

■ 29.1559, 30.8968,
33.9616


■ 12.9400, 7.3125,
1.2805


■ 32.7721, 36.0586,
41.5504


 12.5859, 6.7498,
0.7142

 36.8074, 41.8049,
50.0612

 12.5394, 6.6794,
0.6284

 41.2748, 48.1533,
59.5233

 46.1864, 55.1206,
69.9651

 51.5541, 62.7228,
81.4135

Harmonies

Analogous

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



19.1905, 15.7117, 17.2186



18.6009, 15.7117, 12.1775



17.0097, 15.7117, 9.1691

Triad

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



18.6009, 15.7117, 12.1775



11.8160, 15.7117, 12.0249



14.8948, 15.7117, 30.9112

Complementary

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



18.6009, 15.7117, 12.1775



19.8112, 24.3907, 32.0975

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.



13.0335, 15.7117, 28.6621



18.6009, 15.7117, 12.1775



11.3578, 15.7117, 16.9966

Square

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



18.6009, 15.7117, 12.1775



13.0949, 15.7117, 9.0960



11.7829, 15.7117, 23.2151



16.9366, 15.7117, 28.8190

Rectangle

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



18.6009, 15.7117, 12.1775



15.6615, 15.7117, 8.2975



11.7829, 15.7117, 23.2151



14.2284, 15.7117, 30.6313

Sweetspot

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



18.6013, 15.7125, 12.1778



44.8940, 44.8488, 45.5634



21.2748, 16.0653, 28.4655



9.8120, 9.7423, 9.8132



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.6013, 15.7125, 12.1778



30.5758, 24.1497, 16.3209



21.6916, 21.8930, 13.2079



5.8393, 5.8924, 6.0700



10.5642, 5.6428, 0.5324



0.1374, 0.0853, 0.0092

Inverse Universe

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



19.8112, 24.3907, 32.0975



33.0536, 41.9753, 57.2812



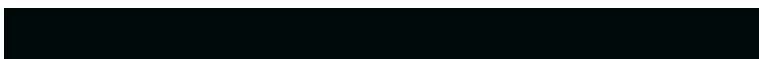
16.0552, 16.8786, 30.8454



5.9211, 6.4761, 7.4077



11.9771, 16.6490, 26.5134



0.1569, 0.2243, 0.3279

Previews

White Background



This preview shows how the XYZ color 18.6009, 15.7117, 12.1775 looks on a white background.

Color Contrast Check

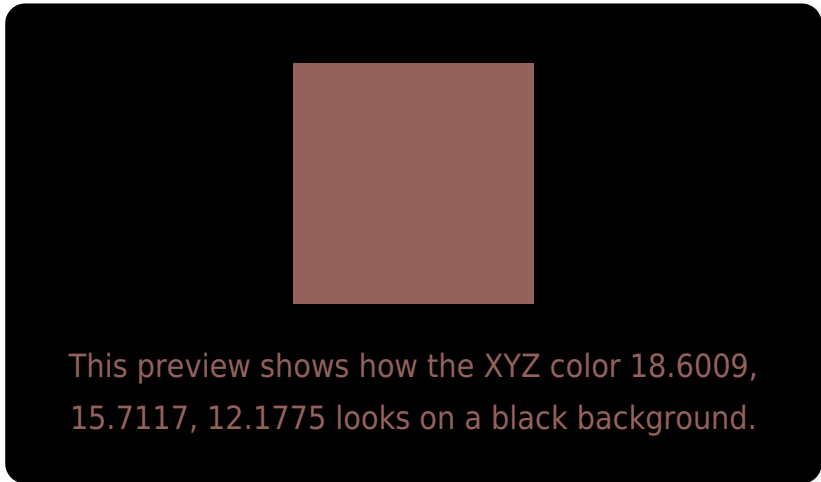
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 18.6009, 15.7117, 12.1775

Background



This preview shows how black text looks on a background with the XYZ color 18.6009, 15.7117, 12.1775.

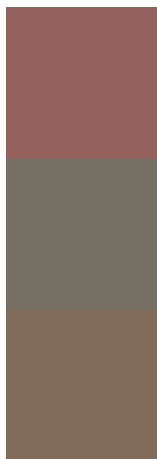


This preview shows how white text looks on a background with the XYZ color 18.6009, 15.7117,

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

18.6009, 15.7117, 12.1775

Protanopia

15.0305, 15.7657, 14.0553

Deuteranopia

16.0528, 15.7134, 11.8598



Tritanopia

19.1181, 15.6477, 14.8446

Trichromacy



Original Color

18.6009, 15.7117, 12.1775

Protanomaly

16.0650, 15.5369, 13.2185

Deuteranomaly

16.8919, 15.6901, 12.0357

Tritanomaly

19.0127, 15.7506, 13.8425

Monochromacy



Original Color

18.6009, 15.7117, 12.1775

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.2649, 15.8953, 15.5754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6009, 15.7117, 12.1775 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(149, 97, 92)` looks like.

```
.text, #text, p{  
    color:rgb(149, 97, 92)  
}
```

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(149, 97, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 97, 92) }
```

Border

The CSS property to change the border of an element to XYZ 18.6009, 15.7117, 12.1775 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(149, 97, 92) }
```


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

```
.border{ border-color:rgb(149, 97, 92) }
```

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

Here you see how a box with a 4 pixel rgb(149, 97, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 97, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 97, 92);  
box-shadow:4px 4px 4px 4px rgb(149, 97,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6009, 15.7117, 12.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 97, 92) }
```

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

```
.background{ background-color: rgb(149, 97,  
92) }
```

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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