

Converting Colors

XYZ(18.1047, 16.2511, 12.6341)

Have a look what the booklet for
XYZ(18.1047, 16.2511, 12.6341)
contains.

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Color

**XYZ(18.1537, 16.3304,
12.5512)**

Conversions

Conversions Part 1

Format	Color
Hex	8F675D
RGB	143, 103, 93
RGB Percent	56%, 40%, 36%
CMY	0.4392, 0.5961, 0.6353
CMYK	0.00, 0.28, 0.35, 0.44
HSL	12°, 21%, 46%
HSV	12°, 35%, 56%
XYZ	18.1537, 16.3304, 12.5512
YIQ	113.8200, 27.0500, 5.3700

Conversions

Conversions Part 2

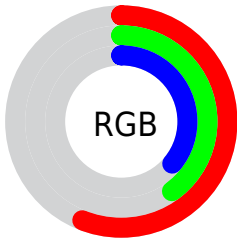
Format	Color
R_{YB}	143, 106, 93
Decimal	9398109
CIE Lab	47.41, 14.65, 11.98
CIE LCh	47, 18.926, 39.284
Yxy	16.3304, 0.3860, 0.3472
Android (android.graphics.Color)	4287588189 (0xFF8F675D)
YUV	113.8200, -10.2643, 25.5909
Hunter-Lab	40.4109, 9.4681, 9.8728

Details

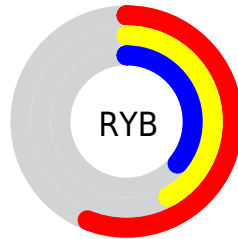
The XYZ color **18.1537, 16.3304, 12.5512** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8594, 21.0847, 29.1151**, and the grayscale version is **15.9647, 16.7961, 18.2910**.

A 20% lighter version of the original color is **39.8022, 37.1001, 31.0498**, and **6.2416, 5.2577, 3.3752** is the 20% darker color. If you saturate the color by 10%, you get **16.5176, 13.9788, 9.1678**, and if you desaturate by 10%, it is **20.0648, 19.0423, 16.6110**.

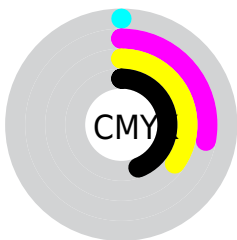
Distribution



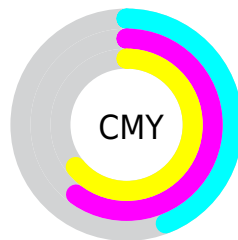
- Red (56%)
- Green (40%)
- Blue (36%)



- Red (56%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1537, 16.3304, 12.5512 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 18.1537, 16.3304, 12.5512 by changing the saturation by 10% instead.

■ 18.1537, 16.3304,
12.5512

■ 18.1537, 16.3304,
12.5512

234.7648,
231.2835, 219.1269

■ 11.1607, 9.7583,
6.9932

■ 39.8271, 37.1709,
31.1744

■ 6.2432, 5.2390,
3.3794

■ 55.2382, 52.2079,
45.0766

■ 3.0355, 2.3881,
1.2915

■ 74.1861, 70.8355,
62.5973

■ 1.1726, 0.8198,
0.0548

■ 97.0362, 93.4378,
84.1550

■ 0.0846, 0.0000,
0.0000

124.1537,
120.3994, 110.1683

■ 0.0000, 0.0000,
0.0000

155.9041,

152.1046, 141.0557

192.6527,
188.9379, 177.2357

■ 18.1537, 16.3304,
12.5512

■ 18.1537, 16.3304,
12.5512

■ 16.5176, 13.9788,
9.1678

■ 20.0648, 19.0423,
16.6110

■ 15.1424, 11.9701,
6.4229

■ 22.2616, 22.1264,
21.3805

■ 14.0145, 10.2885,
4.2763

■ 24.7560, 25.5972,
26.8916

■ 13.1185, 8.9165,
2.6828

■ 27.5585, 29.4673,
33.1743

■ 12.4372, 7.8347,
1.5908

■ 30.6793, 33.7490,
40.2568

■ 11.9498, 7.0207,
0.9321

■ 34.1281, 38.4540,
48.1659

■ 11.7575, 6.6993,
0.6734

■ 37.9142, 43.5935,
56.9272

■ 42.0463, 49.1784,
66.5651

■ 46.5332, 55.2191,
77.1030

Harmonies

Analogous

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



18.9265, 16.3304, 16.3324



18.1537, 16.3304, 12.5512



16.6904, 16.3304, 10.4662

Triad

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



18.1537, 16.3304, 12.5512



12.6965, 16.3304, 14.7101



16.0476, 16.3304, 28.5413

Complementary

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



18.1537, 16.3304, 12.5512



17.8594, 21.0847, 29.1151

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.



14.4086, 16.3304, 27.8935



18.1537, 16.3304, 12.5512



12.5517, 16.3304, 19.3129

Square

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



18.1537, 16.3304, 12.5512



13.5680, 16.3304, 11.5479



13.1570, 16.3304, 24.2928



17.6541, 16.3304, 25.9300

Rectangle

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



18.1537, 16.3304, 12.5512



15.5619, 16.3304, 10.0529



13.1570, 16.3304, 24.2928



15.4813, 16.3304, 28.7064

Sweetspot

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



18.1541, 16.3312, 12.5515



41.9227, 42.4915, 42.8112



19.4758, 15.3620, 24.1291



9.4861, 9.5664, 9.5358



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.1541, 16.3312, 12.5515



30.1498, 25.8572, 17.5800



21.0227, 22.0684, 13.5077



5.4909, 5.5880, 5.6786



10.4086, 5.9489, 0.5997



0.1124, 0.0826, 0.0100

Inverse Universe

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



17.8594, 21.0847, 29.1151



29.5295, 35.6783, 51.8682



14.8348, 15.0356, 28.1069



5.4699, 5.9356, 6.8862



9.7582, 12.5023, 24.8760



0.1083, 0.1496, 0.2428

Previews

White Background



This preview shows how the XYZ color 18.1537, 16.3304, 12.5512 looks on a white background.

Color Contrast Check

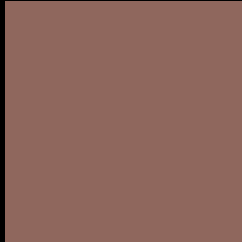
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1537, 16.3304, 12.5512 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 18.1537, 16.3304, 12.5512

Background



This preview shows how black text looks on a background with the XYZ color 18.1537, 16.3304, 12.5512.



This preview shows how white text looks on a background with the XYZ color 18.1537, 16.3304,

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

18.1537, 16.3304, 12.5512

Protanopia

15.4700, 16.3217, 13.8903

Deuteranopia

16.6544, 16.3231, 12.3981



Tritanopia

19.0375, 16.4098, 16.3514

Trichromacy



Original Color

18.1537, 16.3304, 12.5512

Protanomaly

16.3324, 16.2938, 13.3505

Deuteranomaly

17.0775, 16.2317, 12.3582

Tritanomaly

18.7012, 16.4113, 15.0140

Monochromacy



Original Color

18.1537, 16.3304, 12.5512

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.6349, 16.5524, 15.9539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1537, 16.3304, 12.5512 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(143, 103, 93)` looks like.

```
.text, #text, p{  
    color:rgb(143, 103, 93)  
}
```

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(143, 103, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 103, 93) }
```

Border

The CSS property to change the border of an element to XYZ 18.1537, 16.3304, 12.5512 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(143, 103, 93) }
```


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

```
.border{ border-color:rgb(143, 103, 93) }
```

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

Here you see how a box with a 4 pixel rgb(143, 103, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 103, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 103, 93);  
box-shadow:4px 4px 4px 4px rgb(143, 103,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1537, 16.3304, 12.5512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 103, 93) }
```

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

```
.background{ background-color: rgb(143,  
103, 93) }
```

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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