

Converting Colors

XYZ(16.9355, 15.5287, 7.1058)

Have a look what the booklet for
XYZ(16.9355, 15.5287, 7.1058)
contains.

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Color

**XYZ(16.9355, 15.5287,
7.1058)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6541
RGB	143, 101, 65
RGB Percent	56%, 40%, 25%
CMY	0.4392, 0.6039, 0.7451
CMYK	0.00, 0.29, 0.55, 0.44
HSL	28°, 37%, 41%
HSV	28°, 55%, 56%
XYZ	16.9355, 15.5287, 7.1058
YIQ	109.4540, 36.5880, -2.2920

Conversions

Conversions Part 2

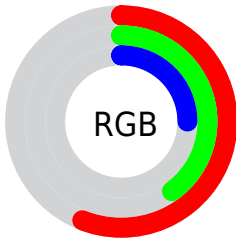
Format	Color
R_{YB}	143, 132, 65
Decimal	9397569
CIE _{Lab}	46.35, 12.61, 26.98
CIE _{LCh}	46, 29.778, 64.954
Yxy	15.5287, 0.4280, 0.3924
Android (android.graphics.Color)	4287587649 (0xFF8F6541)
YUV	109.4540, -21.9158, 29.4198
Hunter-Lab	39.4065, 7.7516, 16.8933

Details

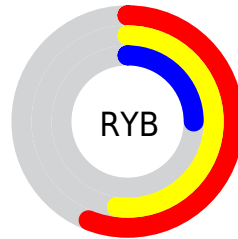
The XYZ color **16.9355, 15.5287, 7.1058** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.3953, 13.6217, 27.9623**, and the grayscale version is **14.7185, 15.4850, 16.8632**.

A 20% lighter version of the original color is **37.8187, 35.8135, 20.8390**, and **5.6710, 4.8661, 1.3498** is the 20% darker color. If you saturate the color by 10%, you get **15.8598, 13.9583, 4.9559**, and if you desaturate by 10%, it is **18.1870, 17.2826, 9.8321**.

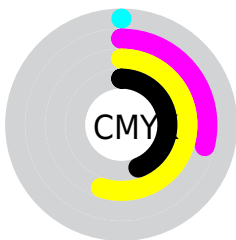
Distribution



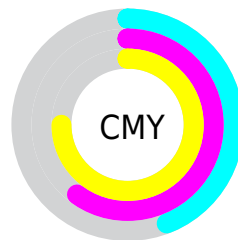
- Red (56%)
- Green (40%)
- Blue (25%)



- Red (56%)
- Yellow (52%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (55%)
- Black (44%)





- Cyan (44%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.9355, 15.5287, 7.1058 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 16.9355, 15.5287, 7.1058 by changing the saturation by 10% instead.


 16.9355, 15.5287,
7.1058


 16.9355, 15.5287,
7.1058


227.9639,
226.5444, 178.2041


 10.2835, 9.1913,
3.4489


 37.7593, 35.7780,
20.7022


 5.6511, 4.8662,
1.3282

 52.6619, 50.4588,
31.4788


 2.6727, 2.1689,
0.0847

 71.0454, 68.6893,
45.4658

 0.9831, 0.7030,
0.0000

 93.2751, 90.8542,
63.0815

 0.0000, 0.0000,
0.0000

 119.7165,
117.3378, 84.7447

 150.7348,

148.5244, 110.8739

186.6955,
184.7984, 141.8875

■ 16.9355, 15.5287,
7.1058

■ 16.9355, 15.5287,
7.1058

■ 15.8598, 13.9583,
4.9559

■ 18.1870, 17.2826,
9.8321

■ 14.9486, 12.5622,
3.3383

■ 19.6221, 19.2245,
13.1726

■ 14.1912, 11.3334,
2.2038

■ 21.2496, 21.3611,
17.1629

■ 13.5735, 10.2630,
1.4896

■ 23.0773, 23.6984,
21.8357

■ 13.2762, 9.7368,
1.1797

■ 25.1125, 26.2420,
27.2214

■ 27.3622, 28.9972,
33.3484

■ 29.8329, 31.9690,
40.2438

■ 32.5309, 35.1625,
47.9332

■ 35.4622, 38.5824,
56.4411

Harmonies

Analogous

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



19.1569, 15.5287, 10.0680



16.9355, 15.5287, 7.1058



14.3399, 15.5287, 6.4175

Triad

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



16.9355, 15.5287, 7.1058



10.3914, 15.5287, 18.1508



17.7526, 15.5287, 31.2369

Complementary

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



16.9355, 15.5287, 7.1058



12.3953, 13.6217, 27.9623

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.



15.1873, 15.5287, 35.1250



16.9355, 15.5287, 7.1058



11.0925, 15.5287, 26.3033

Square

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



16.9355, 15.5287, 7.1058



10.7460, 15.5287, 11.6301



12.7785, 15.5287, 33.0997



19.6655, 15.5287, 23.5813

Rectangle

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



16.9355, 15.5287, 7.1058



12.7849, 15.5287, 7.1005



12.7785, 15.5287, 33.0997



16.9277, 15.5287, 33.1145

Sweetspot

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



16.9359, 15.5295, 7.1061



40.7141, 41.6628, 37.5111



15.9194, 10.7009, 15.3860



9.1961, 9.3755, 8.2399



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.



16.9359, 15.5295, 7.1061



28.0825, 24.5169, 8.2763



21.5288, 24.7153, 8.6371



5.6012, 5.8086, 5.7153



11.7594, 8.6505, 1.0499



0.1341, 0.1260, 0.0173

Inverse Universe

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



12.3953, 13.6217, 27.9623



19.0914, 20.7255, 49.5322



9.2600, 7.3511, 26.9172



5.3549, 5.7057, 6.8478



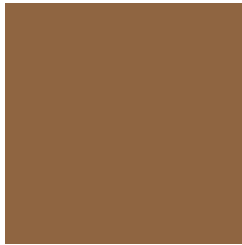
6.7510, 6.4880, 23.8736



0.0866, 0.1062, 0.2356

Previews

White Background



This preview shows how the XYZ color 16.9355, 15.5287, 7.1058 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 16.9355, 15.5287, 7.1058 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 16.9355, 15.5287, 7.1058

Background



This preview shows how black text looks on a background with the XYZ color 16.9355, 15.5287, 7.1058.



This preview shows how white text looks on a background with the XYZ color 16.9355, 15.5287,

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

16.9355, 15.5287, 7.1058

Protanopia

14.3650, 15.5623, 7.7155

Deuteranopia

15.8085, 15.5416, 7.0171



Tritanopia

18.5356, 15.4762, 15.1070

Trichromacy



Original Color

16.9355, 15.5287, 7.1058

Protanomaly

15.1729, 15.5098, 7.5042

Deuteranomaly

16.1923, 15.5892, 7.0061

Tritanomaly

17.8902, 15.4933, 11.7204

Monochromacy



Original Color

16.9355, 15.5287, 7.1058

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.0150, 15.1633, 12.4914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9355, 15.5287, 7.1058 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, 101, 65)` looks like.

```
.text, #text, p{  
    color:rgb(143, 101, 65)  
}
```

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, 101, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 101, 65) }
```

Border

The CSS property to change the border of an element to XYZ 16.9355, 15.5287, 7.1058 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, 101, 65) }
```


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

```
.border{ border-color:rgb(143, 101, 65) }
```

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

Here you see how a box with a 4 pixel rgb(143, 101, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 101, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 101, 65);  
box-shadow:4px 4px 4px 4px rgb(143, 101,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9355, 15.5287, 7.1058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 101, 65) }
```

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

```
.background{ background-color: rgb(143,  
101, 65) }
```

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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