

Converting Colors

XYZ(16.4759, 15.3873, 3.2607)

Have a look what the booklet for
XYZ(16.4759, 15.3873, 3.2607)
contains.

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Color

**XYZ(16.5525, 15.4158,
3.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	91651D
RGB	145, 101, 29
RGB Percent	57%, 40%, 11%
CMY	0.4314, 0.6039, 0.8863
CMYK	0.00, 0.30, 0.80, 0.43
HSL	37°, 67%, 34%
HSV	37°, 80%, 57%
XYZ	16.5525, 15.4158, 3.2655
YIQ	105.9480, 49.3360, -13.0640

Conversions

Conversions Part 2

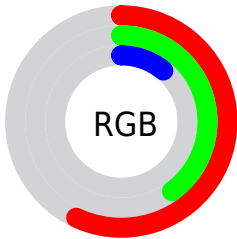
Format	Color
R_{YB}	100, 145, 29
Decimal	9528605
CIE Lab	46.20, 11.12, 45.10
CIE LCh	46, 46.452, 76.147
Yxy	15.4158, 0.4698, 0.4375
Android (android.graphics.Color)	4287718685 (0xFF91651D)
YUV	105.9480, -37.9354, 34.2486
Hunter-Lab	39.2630, 6.5419, 22.5529

Details

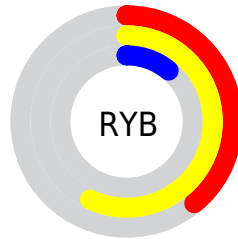
The XYZ color **16.5525, 15.4158, 3.2655** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.9999, 7.0703, 27.7309**, and the grayscale version is **13.7769, 14.4944, 15.7844**.

A 20% lighter version of the original color is **37.2681, 35.7175, 12.3271**, and **5.5356, 4.8120, 0.6370** is the 20% darker color. If you saturate the color by 10%, you get **15.8975, 14.3284, 2.3613**, and if you desaturate by 10%, it is **17.3284, 16.6100, 4.6268**.

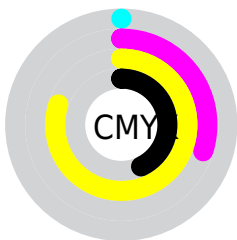
Distribution



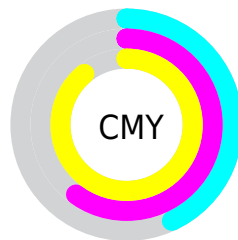
- Red (57%)
- Green (40%)
- Blue (11%)



- Red (39%)
- Yellow (57%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (80%)
- Black (43%)



- Cyan (43%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5525, 15.4158, 3.2655 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 16.5525, 15.4158, 3.2655 by changing the saturation by 10% instead.

■ 16.5525, 15.4158,
3.2655

■ 16.5525, 15.4158,
3.2655

225.7871,
225.8693, 139.6735

■ 10.0093, 9.1117,
1.2317

■ 37.1045, 35.5810,
12.2768

■ 5.4674, 4.8141,
0.0049

■ 51.8440, 50.2109,
20.0915

■ 2.5616, 2.1386,
0.0000

■ 70.0463, 68.3848,
30.6702

■ 0.9264, 0.6862,
0.0000

■ 92.0767, 90.4872,
44.4315

■ 0.0000, 0.0000,
0.0000

■ 118.3006,
116.9025, 61.7940

■ 149.0834,

148.0150, 83.1761

184.7905,
184.2092, 108.9964

16.5525, 15.4158,
3.2655

16.5525, 15.4158,
3.2655

15.8975, 14.3284,
2.3613

17.3284, 16.6100,
4.6268

15.3336, 13.3329,
1.7654

18.2353, 17.9142,
6.4999

15.3335, 13.3327,
1.7653

19.2831, 19.3342,
8.9326

20.4806, 20.8743,
11.9669

21.8354, 22.5387,
15.6408

■ 23.3547, 24.3312,
19.9890

■ 25.0453, 26.2555,
25.0439

■ 26.9134, 28.3150,
30.8356

■ 28.9649, 30.5129,
37.3925

Harmonies

Analogous

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



20.5875, 15.4158, 5.4577



16.5525, 15.4158, 3.2655



12.6346, 15.4158, 3.3420

Triad

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



16.5525, 15.4158, 3.2655



8.4866, 15.4158, 23.6112



20.8592, 15.4158, 36.8854

Complementary

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



16.5525, 15.4158, 3.2655



7.9999, 7.0703, 27.7309

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.



16.8740, 15.4158, 47.6632



16.5525, 15.4158, 3.2655



9.9838, 15.4158, 37.9389

Square

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



16.5525, 15.4158, 3.2655



8.4319, 15.4158, 12.0856



12.9033, 15.4158, 48.1178



23.3606, 15.4158, 22.5681

Rectangle

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



16.5525, 15.4158, 3.2655



10.6033, 15.4158, 4.6143



12.9033, 15.4158, 48.1178



19.6195, 15.4158, 41.2776

Sweetspot

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



16.5528, 15.4166, 3.2658



40.5631, 42.1000, 32.1388



13.3346, 7.3858, 7.1077



8.8330, 9.1397, 6.6070



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.



16.5528, 15.4166, 3.2658



27.6689, 24.2282, 3.4350



19.7796, 25.2020, 4.9845



5.6700, 5.9463, 5.7383



13.1777, 11.4870, 1.5227



0.1473, 0.1524, 0.0217

Inverse Universe

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



7.9999, 7.0703, 27.7309



11.8493, 8.9139, 49.0696



6.5271, 3.4267, 27.1053



5.2868, 5.5693, 6.8251



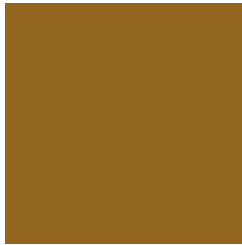
5.5789, 4.1439, 23.4829



0.0734, 0.0798, 0.2312

Previews

White Background



This preview shows how the XYZ color 16.5525, 15.4158, 3.2655 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 16.5525, 15.4158, 3.2655 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 16.5525, 15.4158, 3.2655

Background



This preview shows how black text looks on a background with the XYZ color 16.5525, 15.4158, 3.2655.



This preview shows how white text looks on a background with the XYZ color 16.5525, 15.4158,

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

16.5525, 15.4158, 3.2655

Protanopia

13.9916, 15.4617, 3.5433

Deuteranopia

15.6411, 15.3877, 3.2444



Tritanopia

18.7461, 15.3346, 14.2838

Trichromacy



Original Color

16.5525, 15.4158, 3.2655

Protanomaly

14.8521, 15.4344, 3.4246

Deuteranomaly

16.0444, 15.4471, 3.2346

Tritanomaly

17.7574, 15.3533, 8.6842

Monochromacy



Original Color

16.5525, 15.4158, 3.2655

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0712, 14.4438, 9.2540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5525, 15.4158, 3.2655 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(145, 101, 29)` looks like.

```
.text, #text, p{  
    color:rgb(145, 101, 29)  
}
```

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(145, 101, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 101, 29) }
```

Border

The CSS property to change the border of an element to XYZ 16.5525, 15.4158, 3.2655 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(145, 101, 29) }
```


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

```
.border{ border-color:rgb(145, 101, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 101, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 101, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 101, 29);  
box-shadow:4px 4px 4px 4px rgb(145, 101,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5525, 15.4158, 3.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 101, 29) }
```

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

```
.background{ background-color: rgb(145,  
101, 29) }
```

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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