

Converting Colors

XYZ(16.5302, 15.2346, 5.3776)

Have a look what the booklet for
XYZ(16.5302, 15.2346, 5.3776)
contains.

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Color

**XYZ(16.5275, 15.2110,
5.4331)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6435
RGB	143, 100, 53
RGB Percent	56%, 39%, 21%
CMY	0.4392, 0.6078, 0.7922
CMYK	0.00, 0.30, 0.63, 0.44
HSL	31°, 46%, 38%
HSV	31°, 63%, 56%
XYZ	16.5275, 15.2110, 5.4331
YIQ	107.4990, 40.7150, -5.5010

Conversions

Conversions Part 2

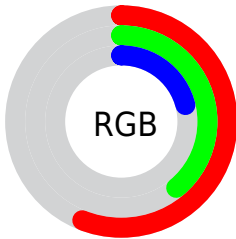
Format	Color
R_{YB}	135, 143, 53
Decimal	9397301
CIE Lab	45.92, 12.17, 33.13
CIE LCh	46, 35.297, 69.824
Yxy	15.2110, 0.4446, 0.4092
Android (android.graphics.Color)	4287587381 (0xFF8F6435)
YUV	107.4990, -26.8680, 31.1344
Hunter-Lab	39.0013, 7.3904, 19.0415

Details

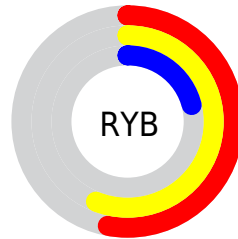
The XYZ color **16.5275, 15.2110, 5.4331** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.6089, 11.1054, 27.5710**, and the grayscale version is **14.1788, 14.9172, 16.2448**.

A 20% lighter version of the original color is **36.9688, 35.2149, 17.1606**, and **5.4258, 4.6832, 0.7903** is the 20% darker color. If you saturate the color by 10%, you get **15.6184, 13.8431, 3.7424**, and if you desaturate by 10%, it is **17.5904, 16.7296, 7.6598**.

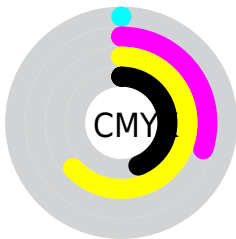
Distribution



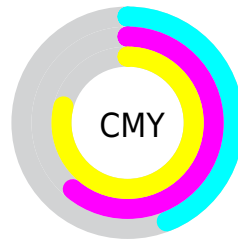
- Red (56%)
- Green (39%)
- Blue (21%)



- Red (53%)
- Yellow (56%)
- Blue (21%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5275, 15.2110, 5.4331 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 16.5275, 15.2110, 5.4331 by changing the saturation by 10% instead.

■ 16.5275, 15.2110,
5.4331

■ 16.5275, 15.2110,
5.4331

225.6443,
224.6398, 163.0257

■ 9.9914, 8.9676,
2.4404

■ 37.0617, 35.2229,
17.1993

■ 5.4555, 4.7201,
0.8083

■ 51.7905, 49.7602,
26.8098

■ 2.5544, 2.0840,
0.0000

■ 69.9808, 67.8310,
39.4634

■ 0.9228, 0.6556,
0.0000

■ 91.9982, 89.8195,
55.5786

■ 0.0000, 0.0000,
0.0000

■ 118.2079,
116.1103, 75.5738

■ 148.9752,

147.0877, 99.8678

184.6656,
183.1360, 128.8789

■ 16.5275, 15.2110,
5.4331

■ 16.5275, 15.2110,
5.4331

■ 15.6184, 13.8431,
3.7424

■ 17.5904, 16.7296,
7.6598

■ 14.8518, 12.6173,
2.5388

■ 18.8154, 18.4025,
10.4637

■ 14.2158, 11.5274,
1.7658

■ 20.2111, 20.2356,
13.8832

■ 13.8223, 10.8288,
1.3617

■ 21.7853, 22.2341,
17.9528

■ 23.5452, 24.4027,
22.7047

■ 25.4974, 26.7460,
28.1688

■ 27.6485, 29.2681,
34.3730

■ 30.0044, 31.9734,
41.3442

■ 32.5709, 34.8658,
49.1075

Harmonies

Analogous

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



19.3254, 15.2110, 8.1121



16.5275, 15.2110, 5.4331



13.5008, 15.2110, 5.0763

Triad

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



16.5275, 15.2110, 5.4331



9.5103, 15.2110, 19.5262



18.4509, 15.2110, 32.6529

Complementary

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



16.5275, 15.2110, 5.4331



10.6089, 11.1054, 27.5710

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.



15.4585, 15.2110, 38.5938



16.5275, 15.2110, 5.4331



10.4847, 15.2110, 29.4675

Square

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



16.5275, 15.2110, 5.4331



9.7144, 15.2110, 11.5180



12.5682, 15.2110, 37.2612



20.5375, 15.2110, 22.8985

Rectangle

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



16.5275, 15.2110, 5.4331



11.7884, 15.2110, 6.0077



12.5682, 15.2110, 37.2612



17.5020, 15.2110, 35.2920

Sweetspot

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



16.5279, 15.2118, 5.4334



40.0894, 41.1553, 35.0160



14.7353, 9.2398, 12.1944



9.0121, 9.2126, 7.5458



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.



16.5279, 15.2118, 5.4334



27.2984, 23.7344, 5.5925



21.5348, 25.6086, 7.1763



5.6273, 5.8608, 5.7240



12.2426, 9.6169, 1.2110



0.1391, 0.1361, 0.0189

Inverse Universe

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



10.6089, 11.1054, 27.5710



15.7703, 15.7489, 48.7467



7.7795, 5.3277, 26.6049



5.3288, 5.6534, 6.8391



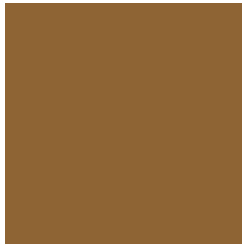
6.2493, 5.4846, 23.7063



0.0816, 0.0961, 0.2339

Previews

White Background



This preview shows how the XYZ color 16.5275, 15.2110, 5.4331 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 16.5275, 15.2110, 5.4331 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 16.5275, 15.2110, 5.4331

Background



This preview shows how black text looks on a background with the XYZ color 16.5275, 15.2110, 5.4331.



This preview shows how white text looks on a background with the XYZ color 16.5275, 15.2110,

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

16.5275, 15.2110, 5.4331

Protanopia

13.9282, 15.2159, 5.9442

Deuteranopia

15.5618, 15.2995, 5.3817



Tritanopia

18.4336, 15.1678, 14.5265

Trichromacy



Original Color

16.5275, 15.2110, 5.4331

Protanomaly

14.7457, 15.1731, 5.7659

Deuteranomaly

15.9513, 15.3517, 5.3713

Tritanomaly

17.6372, 15.1168, 10.3758

Monochromacy



Original Color

16.5275, 15.2110, 5.4331

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.6982, 14.8727, 11.3286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5275, 15.2110, 5.4331 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, 100, 53)` looks like.

```
.text, #text, p{  
    color:rgb(143, 100, 53)  
}
```

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, 100, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 100, 53) }
```

Border

The CSS property to change the border of an element to XYZ 16.5275, 15.2110, 5.4331 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, 100, 53) }
```


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

```
.border{ border-color:rgb(143, 100, 53) }
```

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

Here you see how a box with a 4 pixel rgb(143, 100, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 100, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 100, 53);  
box-shadow:4px 4px 4px 4px rgb(143, 100,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5275, 15.2110, 5.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 100, 53) }
```

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

```
.background{ background-color: rgb(143,  
100, 53) }
```

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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