

Converting Colors

XYZ(15.5423, 16.3231, 8.1259)

Have a look what the booklet for
XYZ(15.5423, 16.3231, 8.1259)
contains.

XYZ(15.5423, 16.3231, 8.1259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.5423, 16.3231,
8.1259)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6F46
RGB	127, 111, 70
RGB Percent	50%, 44%, 27%
CMY	0.5020, 0.5647, 0.7255
CMYK	0.00, 0.13, 0.45, 0.50
HSL	43°, 29%, 39%
HSV	43°, 45%, 50%
XYZ	15.5423, 16.3231, 8.1259
YIQ	111.1100, 22.6970, -9.3590

Conversions

Conversions Part 2

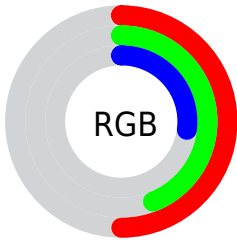
Format	Color
RYB	92, 127, 70
Decimal	8351558
CIELab	47.40, 0.16, 25.10
CIELCh	47, 25.099, 89.629
Yxy	16.3231, 0.3886, 0.4082
Android (android.graphics.Color)	4286541638 (0xFF7F6F46)
YUV	111.1100, -20.2672, 13.9355
Hunter-Lab	40.4019, -2.0356, 16.3565

Details

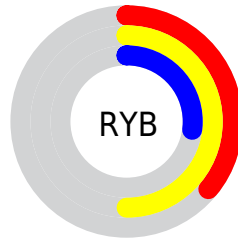
The XYZ color **15.5423, 16.3231, 8.1259** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.6842, 9.4896, 21.3998**, and the grayscale version is **15.1941, 15.9854, 17.4081**.

A 20% lighter version of the original color is **35.4830, 37.3501, 22.7919**, and **4.9894, 5.2735, 1.6746** is the 20% darker color. If you saturate the color by 10%, you get **14.8020, 15.4177, 6.1062**, and if you desaturate by 10%, it is **16.3837, 17.2950, 10.5981**.

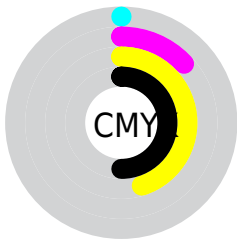
Distribution



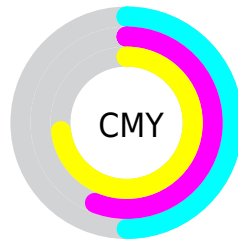
- Red (50%)
- Green (44%)
- Blue (27%)



- Red (36%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5423, 16.3231, 8.1259 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 15.5423, 16.3231, 8.1259 by changing the saturation by 10% instead.

■ 15.5423, 16.3231,
8.1259

■ 15.5423, 16.3231,
8.1259

219.9494,
231.2408, 186.6875

■ 9.2896, 9.7531,
4.0867

■ 35.3657, 37.1582,
22.7551

■ 4.9892, 5.2355,
1.6730

■ 49.6671, 52.1921,
34.1822

■ 2.2756, 2.3861,
0.3421

■ 67.3822, 70.8161,
48.9090

■ 0.7821, 0.8187,
0.0000

■ 88.8762, 93.4145,
67.3541

■ 0.0000, 0.0000,
0.0000

■ 114.5146,
120.3718, 89.9359

144.6627,

152.0723, 117.0731

179.6859,
188.9005, 149.1841

■ 15.5423, 16.3231,
8.1259

■ 15.5423, 16.3231,
8.1259

■ 14.8020, 15.4177,
6.1062

■ 16.3837, 17.2950,
10.5981

■ 14.1561, 14.5739,
4.5095

■ 17.3302, 18.3335,
13.5477

■ 13.5988, 13.7899,
3.3045

■ 18.3868, 19.4414,
16.9991

■ 13.1230, 13.0624,
2.4548

■ 19.5579, 20.6208,
20.9748

■ 12.7184, 12.3871,
1.9073

■ 20.8478, 21.8736,
25.4956

■ 12.5241, 12.0555,
1.6669

■ 22.2604, 23.2017,
30.5814

■ 23.7993, 24.6067,
36.2512

■ 25.4681, 26.0905,
42.5229

■ 27.2703, 27.6545,
49.4137

Harmonies

Analogous

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



17.7780, 16.3231, 9.1642



15.5423, 16.3231, 8.1259



13.4956, 16.3231, 9.1134

Triad

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



15.5423, 16.3231, 8.1259



12.0873, 16.3231, 24.5393



19.5031, 16.3231, 24.7099

Complementary

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



15.5423, 16.3231, 8.1259



9.6842, 9.4896, 21.3998

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.



17.7256, 16.3231, 30.6814



15.5423, 16.3231, 8.1259



13.4520, 16.3231, 30.5675

Square

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



15.5423, 16.3231, 8.1259



11.6202, 16.3231, 17.6940



15.4870, 16.3231, 33.0430



20.1943, 16.3231, 17.8524

Rectangle

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



15.5423, 16.3231, 8.1259



12.4801, 16.3231, 10.9636



15.4870, 16.3231, 33.0430



19.0049, 16.3231, 26.9417

Sweetspot

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



15.5427, 16.3239, 8.1262



33.2424, 35.1385, 31.4971



12.6284, 9.5668, 10.0170



7.6928, 8.1345, 7.0732



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.5427, 16.3239, 8.1262



26.4571, 27.5464, 10.8048



15.7192, 19.2420, 8.6802



4.5665, 4.8218, 4.6101



12.6298, 12.1561, 1.6807



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.6842, 9.4896, 21.3998



14.5491, 13.6687, 37.8278



9.5313, 7.7224, 21.0668



4.1995, 4.3931, 5.4399



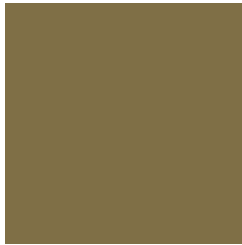
4.4877, 2.7940, 20.5527



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.5423, 16.3231, 8.1259 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 15.5423, 16.3231, 8.1259 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 15.5423, 16.3231, 8.1259

Background



This preview shows how black text looks on a background with the XYZ color 15.5423, 16.3231, 8.1259.



This preview shows how white text looks on a background with the XYZ color 15.5423, 16.3231,

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

15.5423, 16.3231, 8.1259

Protanopia

15.2108, 16.4761, 8.3398

Deuteranopia

16.5484, 16.2046, 8.2168



Tritanopia

17.5514, 16.3483, 18.1501

Trichromacy



Original Color

15.5423, 16.3231, 8.1259

Protanomaly

15.2437, 16.3284, 8.3095

Deuteranomaly

16.1728, 16.1666, 8.2293

Tritanomaly

16.7731, 16.3528, 13.8276

Monochromacy



Original Color

15.5423, 16.3231, 8.1259

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1319, 15.9953, 13.3562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5423, 16.3231, 8.1259 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(127, 111, 70)` looks like.

```
.text, #text, p{  
    color:rgb(127, 111, 70)  
}
```

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(127, 111, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 111, 70) }
```

Border

The CSS property to change the border of an element to XYZ 15.5423, 16.3231, 8.1259 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(127, 111, 70) }
```


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

```
.border{ border-color:rgb(127, 111, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 111, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 111, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 111, 70);  
box-shadow:4px 4px 4px 4px rgb(127, 111,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5423, 16.3231, 8.1259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 111, 70) }
```

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

```
.background{ background-color: rgb(127,  
111, 70) }
```

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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