

Converting Colors

XYZ(15.0604, 15.1336, 7.9270)

Have a look what the booklet for
XYZ(15.0604, 15.1336, 7.9270)
contains.

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Color

**XYZ(15.0592, 15.1345,
7.9219)**

Conversions

Conversions Part 1

Format	Color
Hex	806946
RGB	128, 105, 70
RGB Percent	50%, 41%, 27%
CMY	0.4980, 0.5882, 0.7255
CMYK	0.00, 0.18, 0.45, 0.50
HSL	36°, 29%, 39%
HSV	36°, 45%, 50%
XYZ	15.0592, 15.1345, 7.9219
YIQ	107.8870, 24.9430, -6.0090

Conversions

Conversions Part 2

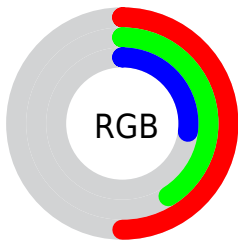
Format	Color
R_{YB}	108, 128, 70
Decimal	8415558
CIE Lab	45.82, 4.10, 23.09
CIE LCh	46, 23.450, 79.930
Yxy	15.1345, 0.3951, 0.3971
Android (android.graphics.Color)	4286605638 (0xFF806946)
YUV	107.8870, -18.6783, 17.6391
Hunter-Lab	38.9031, 1.0161, 15.1588

Details

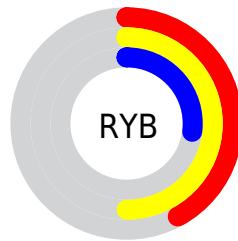
The XYZ color **15.0592, 15.1345, 7.9219** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3364, 10.6891, 21.9407**, and the grayscale version is **14.2683, 15.0113, 16.3474**.

A 20% lighter version of the original color is **34.5096, 35.0539, 22.4000**, and **4.7601, 4.6785, 1.6294** is the 20% darker color. If you saturate the color by 10%, you get **14.1959, 13.9871, 5.8488**, and if you desaturate by 10%, it is **16.0402, 16.3795, 10.4596**.

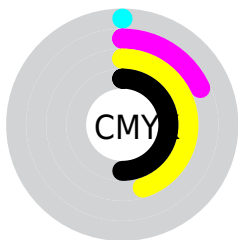
Distribution



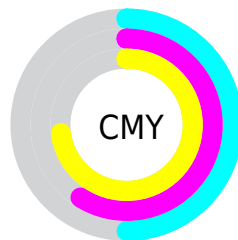
- Red (50%)
- Green (41%)
- Blue (27%)



- Red (42%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0592, 15.1345, 7.9219 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 15.0592, 15.1345, 7.9219 by changing the saturation by 10% instead.

■ 15.0592, 15.1345,
7.9219

■ 15.0592, 15.1345,
7.9219

217.1055,
224.1789, 185.0298

■ 8.9475, 8.9138,
3.9580

■ 34.5278, 35.0890,
22.3488

■ 4.7638, 4.6850,
1.6023

■ 48.6154, 49.5915,
33.6489

■ 2.1427, 2.0637,
0.2925

■ 66.0925, 67.6236,
48.2314

■ 0.7123, 0.6441,
0.0000

■ 87.3242, 89.5694,
66.5150

■ 0.0000, 0.0000,
0.0000

■ 112.6760,
115.8135, 88.9180

142.5133,

146.7401, 115.8592

177.2013,
182.7338, 147.7569

■ 15.0592, 15.1345,
7.9219

■ 15.0592, 15.1345,
7.9219

■ 14.1959, 13.9871,
5.8488

■ 16.0402, 16.3795,
10.4596

■ 13.4433, 12.9319,
4.2102

■ 17.1435, 17.7230,
13.4876

■ 12.7949, 11.9661,
2.9736

■ 18.3744, 19.1686,
17.0311

■ 12.2431, 11.0857,
2.1017

■ 19.7379, 20.7191,
21.1129

■ 11.7764, 10.2851,
1.5369

■ 21.2386, 22.3770,
25.7546

■ 11.5733, 9.9316,
1.3070

■ 22.8807, 24.1449,
30.9766

■ 24.6683, 26.0250,
36.7984

■ 26.6055, 28.0198,
43.2383

■ 28.6958, 30.1314,
50.3141

Harmonies

Analogous

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



16.9708, 15.1345, 9.4780



15.0592, 15.1345, 7.9219



13.1287, 15.1345, 8.2226

Triad

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



15.0592, 15.1345, 7.9219



11.1017, 15.1345, 20.4717



17.4915, 15.1345, 24.5191

Complementary

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



15.0592, 15.1345, 7.9219



10.3364, 10.6891, 21.9407

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.



15.7188, 15.1345, 28.9653



15.0592, 15.1345, 7.9219



12.0760, 15.1345, 26.2828

Square

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



15.0592, 15.1345, 7.9219



10.9601, 15.1345, 14.6494



13.7310, 15.1345, 29.6759



18.4577, 15.1345, 18.4548

Rectangle

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



15.0592, 15.1345, 7.9219



12.0823, 15.1345, 9.4662



13.7310, 15.1345, 29.6759



16.9629, 15.1345, 26.3060

Sweetspot

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



15.0596, 15.1352, 7.9222



32.5778, 34.0110, 30.6540



13.0771, 9.7636, 11.5980



7.5286, 7.8489, 6.8868



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.



15.0596, 15.1352, 7.9222



25.0038, 24.6398, 10.3203



16.8792, 20.0329, 8.7717



4.5267, 4.7421, 4.5969



11.4771, 9.8505, 1.2964



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.3364, 10.6891, 21.9407



15.6250, 15.8205, 38.1864



9.0513, 7.4674, 21.3865



4.2379, 4.4698, 5.4527



5.0279, 3.8744, 20.7328



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0592, 15.1345, 7.9219 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 15.0592, 15.1345, 7.9219 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 15.0592, 15.1345, 7.9219

Background



This preview shows how black text looks on a background with the XYZ color 15.0592, 15.1345, 7.9219.



This preview shows how white text looks on a background with the XYZ color 15.0592, 15.1345,

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

15.0592, 15.1345, 7.9219

Protanopia

14.0772, 15.2438, 8.1616

Deuteranopia

15.4159, 15.1681, 7.9096



Tritanopia

16.7797, 15.1026, 16.2181

Trichromacy



Original Color

15.0592, 15.1345, 7.9219

Protanomaly

14.5259, 15.3176, 8.1522

Deuteranomaly

15.2617, 15.0887, 7.9024

Tritanomaly

16.1318, 15.1362, 12.6610

Monochromacy



Original Color

15.0592, 15.1345, 7.9219

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3483, 14.9684, 12.7226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0592, 15.1345, 7.9219 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(128, 105, 70)` looks like.

```
.text, #text, p{  
    color:rgb(128, 105, 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(128, 105, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 105, 70) }
```

Border

The CSS property to change the border of an element to XYZ 15.0592, 15.1345, 7.9219 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(128, 105, 70) }
```


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

```
.border{ border-color:rgb(128, 105, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 105, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 105, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 105, 70);  
box-shadow:4px 4px 4px 4px rgb(128, 105,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0592, 15.1345, 7.9219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 105, 70) }
```

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

```
.background{ background-color: rgb(128,  
105, 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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