

Converting Colors

XYZ(16.5152, 18.5569, 7.5619)

Have a look what the booklet for
XYZ(16.5152, 18.5569, 7.5619)
contains.

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Color

**XYZ(16.5152, 18.5569,
7.5619)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7940
RGB	127, 121, 64
RGB Percent	50%, 47%, 25%
CMY	0.5020, 0.5255, 0.7490
CMYK	0.00, 0.05, 0.50, 0.50
HSL	54°, 33%, 37%
HSV	54°, 50%, 50%
XYZ	16.5152, 18.5569, 7.5619
YIQ	116.2960, 21.8730, -16.4550

Conversions

Conversions Part 2

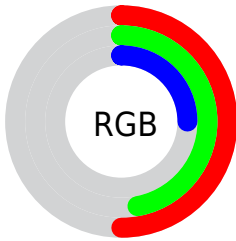
Format	Color
RYB	71, 127, 64
Decimal	8354112
CIELab	50.16, -6.18, 31.87
CIElCh	50, 32.462, 100.981
Yxy	18.5569, 0.3874, 0.4353
Android (android.graphics.Color)	4286544192 (0xFF7F7940)
YUV	116.2960, -25.7819, 9.3874
Hunter-Lab	43.0777, -6.9524, 19.7466

Details

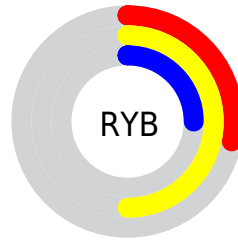
The XYZ color **16.5152, 18.5569, 7.5619** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.1353, 7.0025, 21.0016**, and the grayscale version is **16.7638, 17.6368, 19.2065**.

A 20% lighter version of the original color is **36.9803, 40.9032, 21.5688**, and **5.4642, 6.3421, 1.4665** is the 20% darker color. If you saturate the color by 10%, you get **16.0484, 18.1372, 5.8220**, and if you desaturate by 10%, it is **17.0671, 19.0149, 9.7368**.

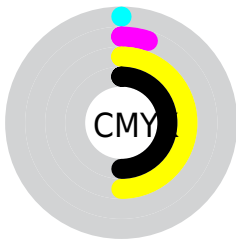
Distribution



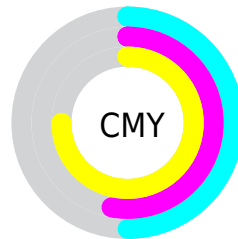
- Red (50%)
- Green (47%)
- Blue (25%)



- Red (28%)
- Yellow (50%)
- Blue (25%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5152, 18.5569, 7.5619 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 16.5152, 18.5569, 7.5619 by changing the saturation by 10% instead.

■ 16.5152, 18.5569,
7.5619

■ 16.5152, 18.5569,
7.5619

■ 225.5740,
243.9916, 182.0586

■ 9.9826, 11.3505,
3.7322

■ 37.0406, 40.9840,
21.6268

■ 5.4496, 6.3031,
1.4796

■ 51.7641, 56.9736,
32.6991

■ 2.5508, 3.0303,
0.2027

■ 69.9487, 76.6596,
47.0227

■ 0.9210, 1.1476,
0.0000

■ 91.9596, 100.4266,
65.0161

■ 0.0000, 0.0182,
0.0000

■ 118.1622,
128.6589, 87.0978

■ 0.0000, 0.0000,
0.0000

■ 148.9219,

161.7409, 113.6865

184.6041,
200.0570, 145.2005

■ 16.5152, 18.5569,
7.5619

■ 16.5152, 18.5569,
7.5619

■ 16.0484, 18.1372,
5.8220

■ 17.0671, 19.0149,
9.7368

■ 15.6596, 17.7511,
4.4860

■ 17.7078, 19.5107,
12.3725

■ 15.3430, 17.3967,
3.5208

■ 18.4426, 20.0471,
15.4943

■ 15.0911, 17.0711,
2.8873

■ 19.2758, 20.6258,
19.1252

■ 14.8812, 16.7652,
2.4661

■ 20.2115, 21.2486,
23.2867

■ 14.8730, 16.7532,
2.4498

■ 21.2537, 21.9169,
27.9992

■ 22.4058, 22.6322,
33.2820

■ 23.6715, 23.3960,
39.1534

■ 25.0541, 24.2095,
45.6310

Harmonies

Analogous

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



19.6742, 18.5569, 7.8916



16.5152, 18.5569, 7.5619



13.9754, 18.5569, 9.7806

Triad

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



16.5152, 18.5569, 7.5619



13.4704, 18.5569, 33.7599



23.9666, 18.5569, 26.3639

Complementary

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



16.5152, 18.5569, 7.5619



8.1353, 7.0025, 21.0016

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.



21.8898, 18.5569, 36.2249



16.5152, 18.5569, 7.5619



15.7469, 18.5569, 41.2935

Square

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



16.5152, 18.5569, 7.5619



12.3612, 18.5569, 23.6723



18.8101, 18.5569, 42.3095



24.2357, 18.5569, 17.0945

Rectangle

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



16.5152, 18.5569, 7.5619



12.8778, 18.5569, 12.9397



18.8101, 18.5569, 42.3095



23.4462, 18.5569, 29.7811

Sweetspot

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



16.5156, 18.5578, 7.5623



33.6382, 36.3305, 30.3950



11.7009, 8.6250, 6.8925



7.8148, 8.4634, 6.8524



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.



16.5156, 18.5578, 7.5623



28.6018, 32.3490, 9.9373



13.9718, 18.3621, 7.6586



4.6315, 4.9517, 4.6318



14.9993, 16.8950, 2.4705



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.1353, 7.0025, 21.0016



11.6955, 9.0495, 37.0866



9.8034, 7.3331, 20.9775



4.1393, 4.2725, 5.4198



3.9966, 1.8117, 20.3890



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5152, 18.5569, 7.5619 looks on a white 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

Black Background



This preview shows how the XYZ color 16.5152, 18.5569, 7.5619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

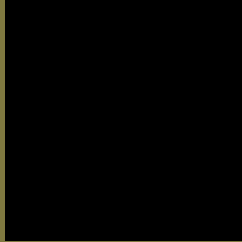
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5152, 18.5569, 7.5619

Background



This preview shows how black text looks on a background with the XYZ color 16.5152, 18.5569, 7.5619.



This preview shows how white text looks on a background with the XYZ color 16.5152, 18.5569,

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

16.5152, 18.5569, 7.5619

Protanopia

17.0097, 18.4581, 7.3689

Deuteranopia

18.8547, 18.5390, 7.7389



Tritanopia

19.2653, 18.4512, 21.2849

Trichromacy



Original Color

16.5152, 18.5569, 7.5619

Protanomaly

16.8196, 18.5376, 7.3943

Deuteranomaly

17.9629, 18.5932, 7.6431

Tritanomaly

18.1196, 18.5072, 15.1876

Monochromacy



Original Color

16.5152, 18.5569, 7.5619

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3818, 17.8130, 13.8841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5152, 18.5569, 7.5619 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, 121, 64)` looks like.

```
.text, #text, p{  
    color:rgb(127, 121, 64)  
}
```

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, 121, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 121, 64) }
```

Border

The CSS property to change the border of an element to XYZ 16.5152, 18.5569, 7.5619 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, 121, 64) }
```


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

```
.border{ border-color:rgb(127, 121, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 121, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 121, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 121, 64);  
box-shadow:4px 4px 4px 4px rgb(127, 121,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5152, 18.5569, 7.5619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 121, 64) }
```

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

```
.background{ background-color: rgb(127,  
121, 64) }
```

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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