

Converting Colors

XYZ(16.0049, 16.7340, 20.2558)

Have a look what the booklet for
XYZ(16.0049, 16.7340, 20.2558)
contains.

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Color

**XYZ(15.9630, 16.7702,
20.1649)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7278
RGB	111, 114, 120
RGB Percent	44%, 45%, 47%
CMY	0.5647, 0.5529, 0.5294
CMYK	0.07, 0.05, 0.00, 0.53
HSL	220°, 4%, 45%
HSV	220°, 7%, 47%
XYZ	15.9630, 16.7702, 20.1649
YIQ	113.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

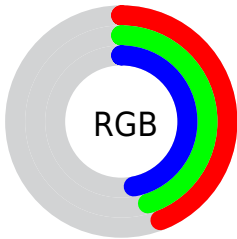
Format	Color
R_{YB}	111, 113, 120
Decimal	7303800
CIE Lab	47.97, 0.14, -3.71
CIE LCh	48, 3.712, 272.085
Yxy	16.7702, 0.3018, 0.3170
Android (android.graphics.Color)	4285493880 (0xFF6F7278)
YUV	113.7870, 3.0630, -2.4442
Hunter-Lab	40.9514, -2.0851, -0.5290

Details

The XYZ color **15.9630, 16.7702, 20.1649** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9763, 17.8631, 17.5923**, and the grayscale version is **15.9227, 16.7520, 18.2429**.

A 20% lighter version of the original color is **36.1869, 38.0375, 44.4644**, and **5.1678, 5.4211, 6.9049** is the 20% darker color. If you saturate the color by 10%, you get **13.6905, 14.3180, 19.8116**, and if you desaturate by 10%, it is **18.5183, 19.4862, 20.5547**.

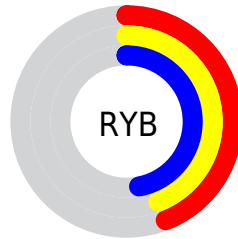
Distribution



Red (44%)

Green (45%)

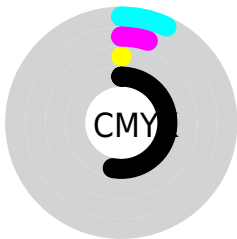
Blue (47%)



Red (44%)

Yellow (44%)

Blue (47%)

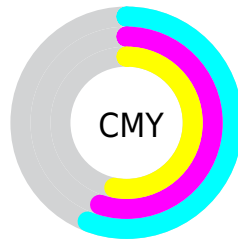


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9630, 16.7702, 20.1649 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 15.9630, 16.7702, 20.1649 by changing the saturation by 10% instead.

■ 15.9630, 16.7702,
20.1649

■ 15.9630, 16.7702,
20.1649

222.3980,
233.8446, 265.4401

■ 9.5887, 10.0708,
12.3297

■ 36.0919, 37.9302,
44.5561

■ 5.1873, 5.4459,
6.8434

■ 50.5772, 53.1597,
61.9491

■ 2.3934, 2.5112,
3.2874

■ 68.4969, 72.0012,
83.3652

■ 0.8418, 0.8822,
1.2432

■ 90.2162, 94.8393,
109.2229

■ 0.0000, 0.0000,
0.0145

116.1007,
122.0583, 139.9407

■ 0.0000, 0.0000,
0.0000

146.5155,

154.0425, 175.9371

181.8262,
191.1765, 217.6308

■ 15.9630, 16.7702,
20.1649

■ 15.9630, 16.7702,
20.1649

■ 13.6905, 14.3180,
19.8116

■ 18.5183, 19.4862,
20.5547

■ 11.6892, 12.1193,
19.4927

■ 21.3643, 22.4716,
20.9810

■ 9.9490, 10.1661,
19.2074

■ 24.5107, 25.7347,
21.4450

■ 8.4585, 8.4495,
18.9546

■ 27.9662, 29.2824,
21.9476

■ 7.2053, 6.9596,
18.7331

■ 31.7389, 33.1218,
22.4899

■ 6.1763, 5.6861,
18.5415

■ 35.8369, 37.2595,
23.0725

■ 5.3564, 4.6174,
18.3785

■ 40.2679, 41.7018,
23.6964

■ 4.7289, 3.7409,
18.2424

■ 45.0394, 46.4550,
24.3624

■ 4.2567, 3.0333,
18.1307

■ 50.1584, 51.5251,
25.0712

Harmonies

Analogous

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



15.6401, 16.7702, 19.9379



15.9630, 16.7702, 20.1649



16.2839, 16.7702, 19.8668

Triad

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



15.9630, 16.7702, 20.1649



16.4912, 16.7702, 17.2980



15.3775, 16.7702, 17.4103

Complementary

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



15.9630, 16.7702, 20.1649



16.9763, 17.8631, 17.5923

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.



15.6001, 16.7702, 16.7420



15.9630, 16.7702, 20.1649



16.2428, 16.7702, 16.6788

Square

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



15.9630, 16.7702, 20.1649



16.5916, 16.7702, 18.1929



15.9162, 16.7702, 16.4788



15.3049, 16.7702, 18.3270

Rectangle

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



15.9630, 16.7702, 20.1649



16.4528, 16.7702, 19.4164



15.9162, 16.7702, 16.4788



15.4371, 16.7702, 17.1503

Sweetspot

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



15.9635, 16.7709, 20.1653



30.4633, 32.0418, 35.8322



16.4743, 18.0935, 19.4078



7.2358, 7.6109, 8.4944



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.9635, 16.7709, 20.1653



27.3539, 28.7219, 35.3552



15.8016, 16.1929, 20.0622



3.8968, 4.0918, 5.0276



4.5151, 3.1126, 19.7481



20.8286, 13.4298, 93.9642

Inverse Universe

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



16.4678, 16.5771, 18.2522



28.4351, 28.3178, 31.2512



17.1457, 18.4781, 17.7021



4.0483, 4.0351, 4.4523



8.8623, 4.5211, 2.5660



41.9164, 21.4229, 10.3560

Previews

White Background



This preview shows how the XYZ color 15.9630, 16.7702, 20.1649 looks on a white background.

Color Contrast Check

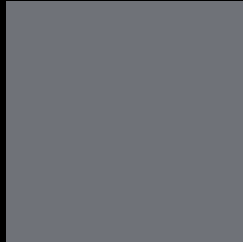
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9630, 16.7702, 20.1649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

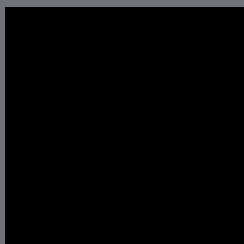
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

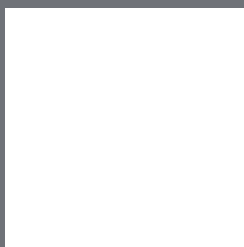
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9630, 16.7702, 20.1649

Background



This preview shows how black text looks on a background with the XYZ color 15.9630, 16.7702, 20.1649.



This preview shows how white text looks on a background with the XYZ color 15.9630, 16.7702,

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

15.9630, 16.7702, 20.1649

Protanopia

16.1743, 16.7196, 19.8275

Deuteranopia

17.0532, 16.6699, 20.4080



Tritanopia

16.1480, 16.8442, 21.1391

Trichromacy

**Original Color**

15.9630, 16.7702, 20.1649

Protanomaly

16.0450, 16.6529, 19.8214

Deuteranomaly

16.6068, 16.6009, 20.4182

Tritanomaly

16.0857, 16.8193, 20.8110

Monochromacy

**Original Color**

15.9630, 16.7702, 20.1649

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9798, 16.8063, 18.9247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9630, 16.7702, 20.1649 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(111, 114, 120)` looks like.

```
.text, #text, p{  
    color:rgb(111, 114, 120)  
}
```

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(111, 114, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 114, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.9630, 16.7702, 20.1649 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(111, 114, 120) }
```


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

```
.border{ border-color:rgb(111, 114, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 114, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 114, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 114, 120);  
box-shadow:4px 4px 4px 4px rgb(111, 114,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9630, 16.7702, 20.1649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 114, 120) }
```

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

```
.background{ background-color: rgb(111,  
114, 120) }
```

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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