

Converting Colors

XYZ(15.7332, 16.7063, 19.3177)

Have a look what the booklet for
XYZ(15.7332, 16.7063, 19.3177)
contains.

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Color

**XYZ(15.6586, 16.6340,
19.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7275
RGB	110, 114, 117
RGB Percent	43%, 45%, 46%
CMY	0.5686, 0.5529, 0.5412
CMYK	0.06, 0.03, 0.00, 0.54
HSL	206°, 3%, 45%
HSV	206°, 6%, 46%
XYZ	15.6586, 16.6340, 19.2150
YIQ	113.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

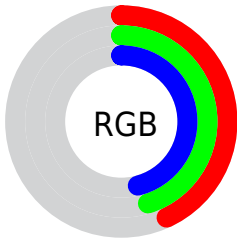
Format	Color
R_{YB}	110, 113, 117
Decimal	7238261
CIE Lab	47.80, -0.88, -2.19
CIE LCh	48, 2.360, 248.078
Yxy	16.6340, 0.3040, 0.3229
Android (android.graphics.Color)	4285428341 (0xFF6E7275)
YUV	113.1460, 1.9000, -2.7590
Hunter-Lab	40.7848, -2.8415, 0.6160

Details

The XYZ color **15.6586, 16.6340, 19.2150** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0557, 16.7177, 17.1327**, and the grayscale version is **15.7350, 16.5544, 18.0278**.

A 20% lighter version of the original color is **35.6979, 37.8184, 42.9543**, and **5.0090, 5.3502, 6.3989** is the 20% darker color. If you saturate the color by 10%, you get **13.7482, 14.8334, 18.9684**, and if you desaturate by 10%, it is **17.7931, 18.5970, 19.4817**.

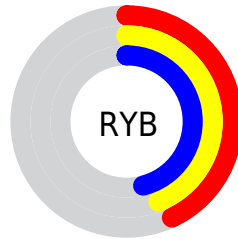
Distribution



Red (43%)

Green (45%)

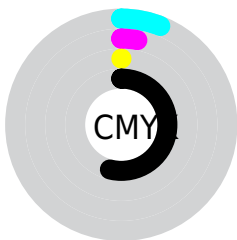
Blue (46%)



Red (43%)

Yellow (44%)

Blue (46%)

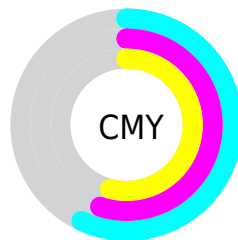


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (54%)



Cyan (57%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6586, 16.6340, 19.2150 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 15.6586, 16.6340, 19.2150 by changing the saturation by 10% instead.

■ 15.6586, 16.6340,
19.2150

■ 15.6586, 16.6340,
19.2150

220.6289,
233.0543, 260.0953

■ 9.3722, 9.9739,
11.6474

■ 35.5667, 37.6954,
42.9386

■ 5.0438, 5.3816,
6.3844

■ 49.9192, 52.8655,
59.9317

■ 2.3080, 2.4729,
3.0077

■ 67.6911, 71.6410,
80.9036

■ 0.7988, 0.8630,
1.0986

■ 89.2477, 94.4064,
106.2729

■ 0.0000, 0.0000,
0.0000

114.9544,
121.5461, 136.4582

145.1767,

153.4443, 171.8780

180.2797,
190.4856, 212.9509

■ 15.6586, 16.6340,
19.2150

■ 15.6586, 16.6340,
19.2150

■ 13.7482, 14.8334,
18.9684

■ 17.7931, 18.5970,
19.4817

■ 12.0527, 13.1883,
18.7402

■ 20.1579, 20.7250,
19.7678

■ 10.5639, 11.6943,
18.5303

■ 22.7607, 23.0231,
20.0741

■ 9.2728, 10.3460,
18.3381

■ 25.6082, 25.4954,
20.4013

■ 8.1697, 9.1376,
18.1630

■ 28.7071, 28.1460,
20.7496

■ 7.2438, 8.0626,
18.0043

■ 32.0637, 30.9788,
21.1194

■ 6.4833, 7.1142,
17.8613

■ 35.6840, 33.9976,
21.5113

■ 5.8748, 6.2846,
17.7333

■ 39.5739, 37.2060,
21.9256

■ 5.3921, 5.5594,
17.6187

■ 43.7392, 40.6077,
22.3626

Harmonies

Analogous

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



15.4918, 16.6340, 18.8403



15.6586, 16.6340, 19.2150



15.8674, 16.6340, 19.2908

Triad

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



15.6586, 16.6340, 19.2150



16.2167, 16.6340, 17.9482



15.5603, 16.6340, 17.2091

Complementary

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



15.6586, 16.6340, 19.2150



16.0557, 16.7177, 17.1327

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.



15.7530, 16.6340, 16.9815



15.6586, 16.6340, 19.2150



16.1328, 16.6340, 17.4019

Square

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



15.6586, 16.6340, 19.2150



16.1908, 16.6340, 18.5504



15.9626, 16.6340, 17.0513



15.4354, 16.6340, 17.6797

Rectangle

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



15.6586, 16.6340, 19.2150



16.0025, 16.6340, 19.1600



15.9626, 16.6340, 17.0513



15.6193, 16.6340, 17.1022

Sweetspot

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



15.6591, 16.6347, 19.2154



29.4943, 31.1341, 34.5919



15.7679, 17.2282, 18.0927



6.7950, 7.1709, 7.9550



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.6591, 16.6347, 19.2154



27.6098, 29.3861, 34.3539



15.2806, 15.8777, 19.0892



3.7449, 3.9861, 4.6623



5.7266, 5.7929, 19.3589



27.0436, 26.5037, 94.0507

Inverse Universe

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



15.9497, 16.1490, 18.1969



28.2312, 28.3559, 32.1741



16.4444, 17.4950, 17.2622



3.8297, 3.8454, 4.3644



9.1877, 4.6088, 6.1964



44.3371, 22.2849, 27.9021

Previews

White Background



This preview shows how the XYZ color 15.6586, 16.6340, 19.2150 looks on a white background.

Color Contrast Check

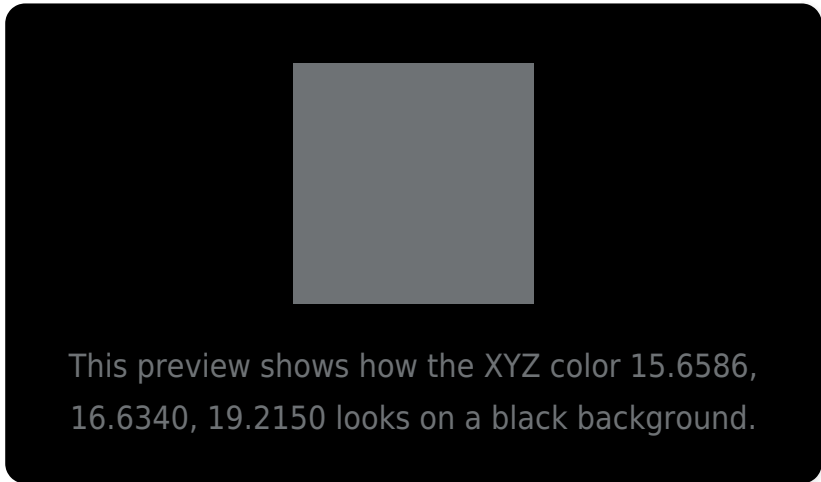
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

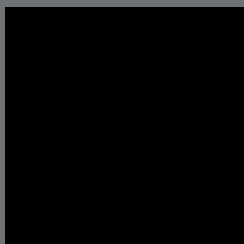
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

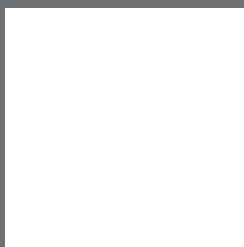
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6586, 16.6340, 19.2150

Background



This preview shows how black text looks on a background with the XYZ color 15.6586, 16.6340, 19.2150.



This preview shows how white text looks on a background with the XYZ color 15.6586, 16.6340,

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

15.6586, 16.6340, 19.2150

Protanopia

15.9969, 16.6486, 18.8934

Deuteranopia

16.8720, 16.5974, 19.4539



Tritanopia

15.9735, 16.5949, 20.7736

Trichromacy



Original Color

15.6586, 16.6340, 19.2150

Protanomaly

15.8676, 16.5819, 18.8873

Deuteranomaly

16.4257, 16.5284, 19.4641

Tritanomaly

15.8508, 16.5458, 20.1275

Monochromacy



Original Color

15.6586, 16.6340, 19.2150

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6245, 16.4699, 18.2751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6586, 16.6340, 19.2150 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(110, 114, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 114, 117)  
}
```

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(110, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 114, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.6586, 16.6340, 19.2150 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(110, 114, 117) }
```


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

```
.border{ border-color:rgb(110, 114, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 114, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 114, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 114, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 114,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6586, 16.6340, 19.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 114, 117) }
```

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

```
.background{ background-color: rgb(110,  
114, 117) }
```

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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