

Converting Colors

XYZ(11.6314, 11.6588, 14.8810)

Have a look what the booklet for
XYZ(11.6314, 11.6588, 14.8810)
contains.

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Color

**XYZ(11.6981, 11.6780,
15.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	635E69
RGB	99, 94, 105
RGB Percent	39%, 37%, 41%
CMY	0.6118, 0.6314, 0.5882
CMYK	0.06, 0.10, 0.00, 0.59
HSL	267°, 6%, 39%
HSV	267°, 10%, 41%
XYZ	11.6981, 11.6780, 15.0021
YIQ	96.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

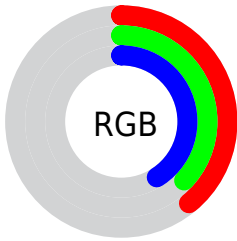
Format	Color
R_{YB}	99, 94, 105
Decimal	6512233
CIE _{Lab}	40.70, 4.32, -5.54
CIE _{LCh}	41, 7.023, 307.919
Yxy	11.6780, 0.3048, 0.3043
Android (android.graphics.Color)	4284702313 (0xFF635E69)
YUV	96.7490, 4.0677, 1.9741
Hunter-Lab	34.1731, 1.3010, -2.1073

Details

The XYZ color **11.6981, 11.6780, 15.0021** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3279, 13.6209, 12.5696**, and the grayscale version is **11.2915, 11.8795, 12.9368**.

A 20% lighter version of the original color is **28.5517, 28.8308, 35.5126**, and **3.2368, 3.1495, 4.4403** is the 20% darker color. If you saturate the color by 10%, you get **10.2235, 9.6250, 14.6837**, and if you desaturate by 10%, it is **13.3448, 14.0089, 15.3654**.

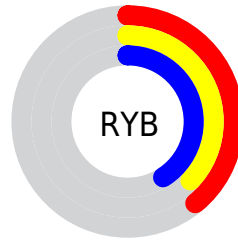
Distribution



Red (39%)

Green (37%)

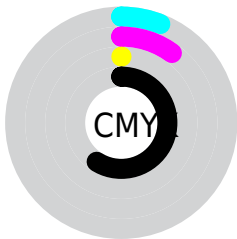
Blue (41%)



Red (39%)

Yellow (37%)

Blue (41%)

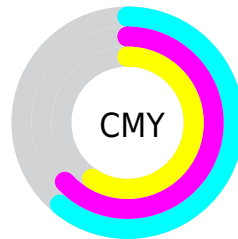


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (59%)



Cyan (61%)

Magenta (63%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6981, 11.6780, 15.0021 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 11.6981, 11.6780, 15.0021 by changing the saturation by 10% instead.

■ 11.6981, 11.6780,
15.0021

■ 11.6981, 11.6780,
15.0021

196.2073,
202.2618, 235.0201

■ 6.6092, 6.5248,
8.6742

■ 28.5657, 28.9073,
35.5992

■ 3.2631, 3.1668,
4.4354

■ 41.0751, 41.7522,
50.7055

■ 1.2944, 1.2194,
1.8671

■ 56.7887, 57.9297,
69.5751

■ 0.1790, 0.0775,
0.4717

■ 76.0719, 77.8244,
92.6264

■ 0.0000, 0.0000,
0.0000

99.2900, 101.8205,
120.2780

126.8083,

130.3025, 152.9485

158.9923,
163.6548, 191.0564

■ 11.6981, 11.6780,
15.0021

■ 11.6981, 11.6780,
15.0021

■ 10.2235, 9.6250,
14.6837

■ 13.3448, 14.0089,
15.3654

■ 8.9141, 7.8379,
14.4078

■ 15.1683, 16.6264,
15.7745

■ 7.7636, 6.3057,
14.1727

■ 17.1744, 19.5405,
16.2313

■ 6.7654, 5.0162,
13.9764

■ 19.3682, 22.7603,
16.7371

■ 5.9121, 3.9563,
13.8168

■ 21.7547, 26.2945,
17.2935

■ 5.1956, 3.1113,
13.6915

■ 24.3386, 30.1516,
17.9018

■ 4.6069, 2.4650,
13.5977

■ 27.1247, 34.3394,
18.5633

■ 4.1358, 1.9987,
13.5326

■ 30.1172, 38.8659,
19.2793

■ 3.7556, 1.6415,
13.4837

■ 33.3206, 43.7384,
20.0509

Harmonies

Analogous

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



11.2320, 11.6780, 15.6274



11.6981, 11.6780, 15.0021



12.0101, 11.6780, 13.7736

Triad

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



11.6981, 11.6780, 15.0021



11.4632, 11.6780, 10.3412



10.1785, 11.6780, 13.0967

Complementary

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



11.6981, 11.6780, 15.0021



12.3279, 13.6209, 12.5696

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.



10.2363, 11.6780, 11.7128



11.6981, 11.6780, 15.0021



10.9683, 11.6780, 10.1896

Square

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



11.6981, 11.6780, 15.0021



11.8717, 11.6780, 11.1044



10.5218, 11.6780, 10.6737



10.3617, 11.6780, 14.4750

Rectangle

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



11.6981, 11.6780, 15.0021



12.0836, 11.6780, 12.8151



10.5218, 11.6780, 10.6737



10.1705, 11.6780, 12.6161

Sweetspot

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



11.6984, 11.6785, 15.0024



23.0950, 23.9456, 27.3358



11.7283, 12.5240, 15.1640



5.3620, 5.5411, 6.3928



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.6984, 11.6785, 15.0024



20.1503, 19.7951, 26.6898



12.3141, 11.9959, 15.0312



3.0669, 3.0862, 3.8689



4.7130, 2.0567, 17.0708



23.0384, 9.9763, 86.9376

Inverse Universe

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



12.1291, 11.9293, 13.7205



21.1241, 20.3624, 23.7832



11.7451, 13.3205, 12.5424



3.1623, 3.1418, 3.5852



8.3017, 4.1728, 5.2171



41.8580, 21.0851, 24.2526

Previews

White Background



This preview shows how the XYZ color 11.6981, 11.6780, 15.0021 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 11.6981, 11.6780, 15.0021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

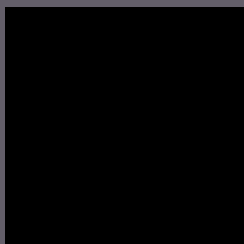
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6981, 11.6780, 15.0021

Background



This preview shows how black text looks on a background with the XYZ color 11.6981, 11.6780, 15.0021.

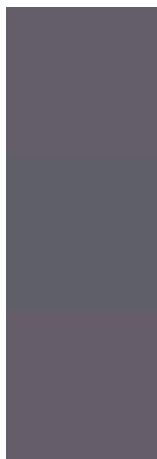


This preview shows how white text looks on a background with the XYZ color 11.6981, 11.6780,

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

11.6981, 11.6780, 15.0021

Protanopia

11.4130, 11.6579, 15.2843

Deuteranopia

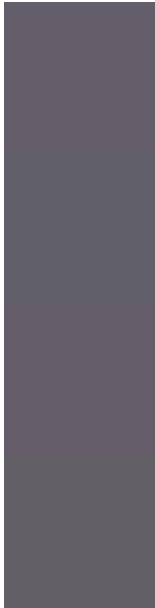
11.8310, 11.6153, 14.9830



Tritanopia

11.6361, 11.7964, 14.2340

Trichromacy



Original Color

11.6981, 11.6780, 15.0021

Protanomaly

11.5176, 11.7118, 15.2892

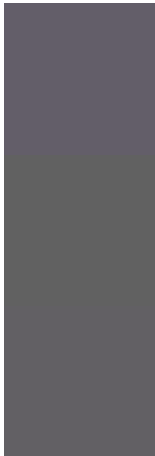
Deuteranomaly

11.7197, 11.5579, 14.9778

Tritanomaly

11.6860, 11.8163, 14.4968

Monochromacy



Original Color

11.6981, 11.6780, 15.0021

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5201, 11.8825, 13.7430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6981, 11.6780, 15.0021 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(99, 94, 105) looks like.

```
.text, #text, p{  
    color:rgb(99, 94, 105)  
}
```

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(99, 94, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 94, 105) }
```

Border

The CSS property to change the border of an element to XYZ 11.6981, 11.6780, 15.0021 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(99, 94, 105) }
```


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

```
.border{ border-color:rgb(99, 94, 105) }
```

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

Here you see how a box with a 4 pixel rgb(99, 94, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 94, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 94, 105);  
box-shadow:4px 4px 4px 4px rgb(99, 94,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6981, 11.6780, 15.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 94, 105) }
```

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

```
.background{ background-color: rgb(99, 94,  
105) }
```

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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