

Converting Colors

XYZ(11.4965, 11.5814, 12.3425)

Have a look what the booklet for
XYZ(11.4965, 11.5814, 12.3425)
contains.

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Color

**XYZ(11.5478, 11.6564,
12.4678)**

Conversions

Conversions Part 1

Format	Color
Hex	665E5F
RGB	102, 94, 95
RGB Percent	40%, 37%, 37%
CMY	0.6000, 0.6314, 0.6274
CMYK	0.00, 0.08, 0.07, 0.60
HSL	353°, 4%, 38%
HSV	353°, 8%, 40%
XYZ	11.5478, 11.6564, 12.4678
YIQ	96.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

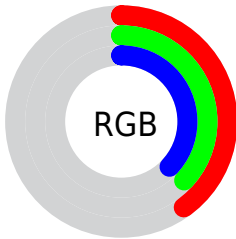
Format	Color
R_{YB}	102, 94, 95
Decimal	6708831
CIE Lab	40.66, 3.40, 0.58
CIE LCh	41, 3.446, 9.661
Yxy	11.6564, 0.3237, 0.3268
Android (android.graphics.Color)	4284898911 (0xFF665E5F)
YUV	96.5060, -0.7425, 4.8182
Hunter-Lab	34.1415, 0.6272, 2.2475

Details

The XYZ color **11.5478, 11.6564, 12.4678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7169, 12.8224, 14.1700**, and the grayscale version is **11.2426, 11.8281, 12.8808**.

A 20% lighter version of the original color is **28.2210, 28.7632, 30.8525**, and **3.1869, 3.1479, 3.3454** is the 20% darker color. If you saturate the color by 10%, you get **10.3173, 9.8079, 10.1691**, and if you desaturate by 10%, it is **12.9453, 13.7643, 15.0519**.

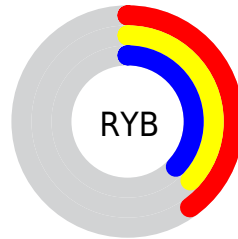
Distribution



Red (40%)

Green (37%)

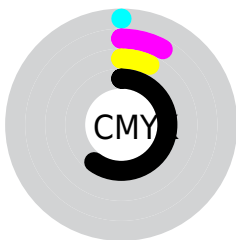
Blue (37%)



Red (40%)

Yellow (37%)

Blue (37%)

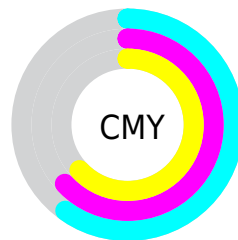


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (60%)



Cyan (60%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5478, 11.6564, 12.4678 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 11.5478, 11.6564, 12.4678 by changing the saturation by 10% instead.

■ 11.5478, 11.6564,
12.4678

■ 11.5478, 11.6564,
12.4678

195.2199,
202.1171, 218.5648

■ 6.5066, 6.5102,
6.9367

■ 28.2929, 28.8677,
31.0213

■ 3.1990, 3.1577,
3.3447

■ 40.7274, 41.7016,
44.8809

■ 1.2599, 1.2146,
1.2732

■ 56.3570, 57.8669,
62.3536

■ 0.1529, 0.0736,
0.0397

■ 75.5472, 77.7479,
83.8582

■ 0.0000, 0.0000,
0.0000

98.6632, 101.7290,
109.8130

126.0704,

130.1946, 140.6367

158.1342,
163.5292, 176.7478

■ 11.5478, 11.6564,
12.4678

■ 11.5478, 11.6564,
12.4678

■ 10.3173, 9.8079,
10.1691

■ 12.9453, 13.7643,
15.0519

■ 9.2467, 8.2074,
8.1453

■ 14.5149, 16.1395,
17.9300

■ 8.3296, 6.8446,
6.3864

■ 16.2623, 18.7914,
21.1113

■ 7.5590, 5.7083,
4.8812

■ 18.1930, 21.7286,
24.6042

■ 6.9272, 4.7862,
3.6181

■ 20.3122, 24.9592,
28.4169

■ 6.4260, 4.0648,
2.5843

■ 22.6246, 28.4911,
32.5573

■ 6.0459, 3.5290,
1.7659

■ 25.1351, 32.3318,
37.0330

■ 5.7766, 3.1619,
1.1477

■ 27.8483, 36.4886,
41.8513

■ 5.5873, 2.9062,
0.7058

■ 30.7686, 40.9684,
47.0194

Harmonies

Analogous

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



11.5246, 11.6564, 13.1644



11.5478, 11.6564, 12.4678



11.4440, 11.6564, 11.8538

Triad

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



11.5478, 11.6564, 12.4678



10.7825, 11.6564, 11.6858



10.9169, 11.6564, 13.9932

Complementary

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



11.5478, 11.6564, 12.4678



11.7169, 12.8224, 14.1700

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.



10.7220, 11.6564, 13.5684



11.5478, 11.6564, 12.4678



10.6452, 11.6564, 12.2307

Square

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



11.5478, 11.6564, 12.4678



11.0006, 11.6564, 11.4134



10.6232, 11.6564, 12.9185



11.1579, 11.6564, 14.0623

Rectangle

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



11.5478, 11.6564, 12.4678



11.3176, 11.6564, 11.5677



10.6232, 11.6564, 12.9185



10.8439, 11.6564, 13.8865

Sweetspot

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



11.5481, 11.6569, 12.4681



21.6336, 22.5247, 24.4249



11.7607, 11.7281, 14.2145



5.1140, 5.3296, 5.7814



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.5481, 11.6569, 12.4681



19.9292, 19.9568, 21.2647



11.7688, 12.1705, 12.3191



2.8421, 2.8515, 3.0412



7.1189, 3.6605, 0.7585



36.9413, 19.0165, 2.9682

Inverse Universe

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



11.5481, 11.6569, 12.4681



19.9292, 19.9568, 21.2647



11.4830, 12.2758, 14.3349



2.8421, 2.8515, 3.0412



7.1189, 3.6605, 0.7585



36.9413, 19.0165, 2.9682

Previews

White Background



This preview shows how the XYZ color 11.5478, 11.6564, 12.4678 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 11.5478, 11.6564, 12.4678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

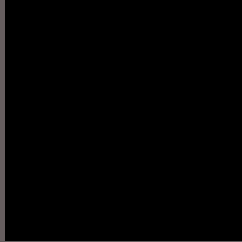
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5478, 11.6564, 12.4678

Background



This preview shows how black text looks on a background with the XYZ color 11.5478, 11.6564, 12.4678.



This preview shows how white text looks on a background with the XYZ color 11.5478, 11.6564,

12.4678.

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

11.5478, 11.6564, 12.4678

Protanopia

11.2405, 11.6256, 12.7179

Deuteranopia

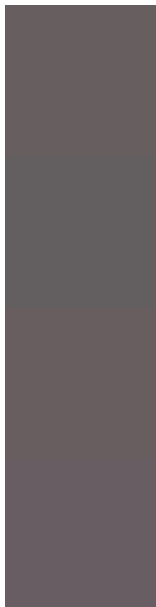
11.8056, 11.6582, 12.4545



Tritanopia

11.8081, 11.6324, 13.6795

Trichromacy



Original Color

11.5478, 11.6564, 12.4678

Protanomaly

11.3491, 11.6816, 12.7229

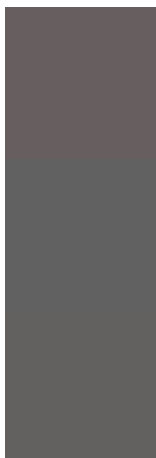
Deuteranomaly

11.6888, 11.5980, 12.4490

Tritanomaly

11.7125, 11.5941, 13.1758

Monochromacy



Original Color

11.5478, 11.6564, 12.4678

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4398, 11.8629, 12.7532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5478, 11.6564, 12.4678 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(102, 94, 95)` looks like.

```
.text, #text, p{  
    color:rgb(102, 94, 95)  
}
```

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(102, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 94, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.5478, 11.6564, 12.4678 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(102, 94, 95) }
```


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

```
.border{ border-color:rgb(102, 94, 95) }
```

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

Here you see how a box with a 4 pixel rgb(102, 94, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(102, 94,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5478, 11.6564, 12.4678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 94, 95) }
```

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

```
.background{ background-color: rgb(102, 94,  
95) }
```

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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