

Converting Colors

XYZ(11.5301, 11.7111, 12.0089)

Have a look what the booklet for
XYZ(11.5301, 11.7111, 12.0089)
contains.

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Color

**XYZ(11.4580, 11.6205,
11.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	665E5D
RGB	102, 94, 93
RGB Percent	40%, 37%, 36%
CMY	0.6000, 0.6314, 0.6353
CMYK	0.00, 0.08, 0.09, 0.60
HSL	7°, 5%, 38%
HSV	7°, 9%, 40%
XYZ	11.4580, 11.6205, 11.9950
YIQ	96.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

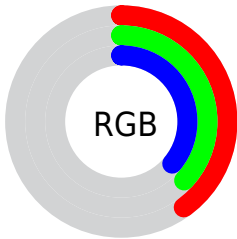
Format	Color
R_{YB}	102, 94, 93
Decimal	6708829
CIE Lab	40.61, 3.00, 1.72
CIE LCh	41, 3.463, 29.810
Yxy	11.6205, 0.3267, 0.3313
Android (android.graphics.Color)	4284898909 (0xFF665E5D)
YUV	96.2780, -1.6161, 5.0182
Hunter-Lab	34.0889, 0.3422, 2.9996

Details

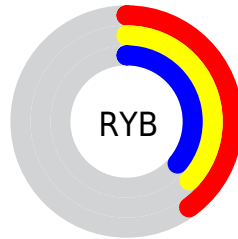
The XYZ color **11.4580, 11.6205, 11.9950** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5662, 12.5937, 14.3918**, and the grayscale version is **11.1890, 11.7717, 12.8193**.

A 20% lighter version of the original color is **28.0681, 28.7020, 30.0473**, and **3.1456, 3.1314, 3.1279** is the 20% darker color. If you saturate the color by 10%, you get **10.2768, 9.9335, 9.5190**, and if you desaturate by 10%, it is **12.7948, 13.5220, 14.8205**.

Distribution



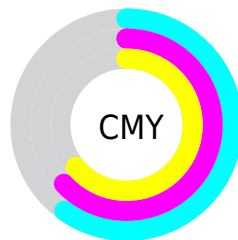
- Red (40%)
- Green (37%)
- Blue (36%)



- Red (40%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (60%)



- Cyan (60%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4580, 11.6205, 11.9950 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 11.4580, 11.6205, 11.9950 by changing the saturation by 10% instead.

■ 11.4580, 11.6205,
11.9950

■ 11.4580, 11.6205,
11.9950

194.6274,
201.8765, 215.3489

■ 6.4453, 6.4858,
6.6178

■ 28.1295, 28.8020,
30.1503

■ 3.1609, 3.1427,
3.1494

■ 40.5191, 41.6176,
43.7654

■ 1.2394, 1.2067,
1.1714

■ 56.0984, 57.7624,
60.9635

■ 0.1372, 0.0671,
0.0000

■ 75.2327, 77.6206,
82.1633

■ 0.0000, 0.0000,
0.0000

98.2874, 101.5767,
107.7832

125.6278,

130.0152, 138.2417

157.6194,
163.3203, 173.9574

■ 11.4580, 11.6205,
11.9950

■ 11.4580, 11.6205,
11.9950

■ 10.2768, 9.9335,
9.5190

■ 12.7948, 13.5220,
14.8205

■ 9.2447, 8.4520,
7.3783

■ 14.2916, 15.6436,
18.0076

■ 8.3559, 7.1686,
5.5585

■ 15.9538, 17.9926,
21.5688

■ 7.6041, 6.0749,
4.0443

■ 17.7862, 20.5754,
25.5156

■ 6.9824, 5.1619,
2.8188

■ 19.7936, 23.3983,
29.8591

■ 6.4834, 4.4197,
1.8637

■ 21.9804, 26.4672,
34.6100

■ 6.0989, 3.8378,
1.1583

■ 24.3509, 29.7880,
39.7785

■ 5.8195, 3.4043,
0.6793

■ 26.9093, 33.3662,
45.3745

■ 5.6228, 3.1007,
0.3366

■ 29.6596, 37.2073,
51.4076

Harmonies

Analogous

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



11.5219, 11.6205, 12.6572



11.4580, 11.6205, 11.9950



11.2831, 11.6205, 11.5240

Triad

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



11.4580, 11.6205, 11.9950



10.6434, 11.6205, 11.9875



11.0434, 11.6205, 14.0478

Complementary

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



11.4580, 11.6205, 11.9950



11.5662, 12.5937, 14.3918

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.



10.8101, 11.6205, 13.8529



11.4580, 11.6205, 11.9950



10.5813, 11.6205, 12.6483

Square

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



11.4580, 11.6205, 11.9950



10.8128, 11.6205, 11.5198



10.6419, 11.6205, 13.3341



11.2804, 11.6205, 13.8576

Rectangle

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



11.4580, 11.6205, 11.9950



11.1283, 11.6205, 11.3730



10.6419, 11.6205, 13.3341



10.9620, 11.6205, 14.0251

Sweetspot

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



11.4583, 11.6210, 11.9952



21.4060, 22.2466, 23.8032



11.7479, 11.5952, 13.9567



5.0127, 5.1953, 5.5367



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.



11.4583, 11.6210, 11.9952



19.5536, 19.6083, 19.8981



11.8607, 12.4257, 12.1294



2.8518, 2.8910, 2.9822



7.1784, 3.9100, 0.3764



37.0950, 19.7038, 1.8481

Inverse Universe

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



11.5662, 12.5937, 14.3918



19.7923, 21.7612, 25.2029



11.1505, 11.7623, 14.2532



2.8789, 3.1359, 3.5855



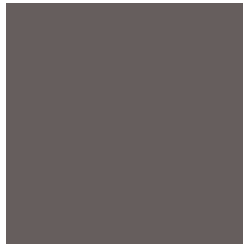
7.8292, 10.7303, 17.8028



40.4376, 55.1718, 92.7193

Previews

White Background



This preview shows how the XYZ color 11.4580, 11.6205, 11.9950 looks on a white background.

Color Contrast Check

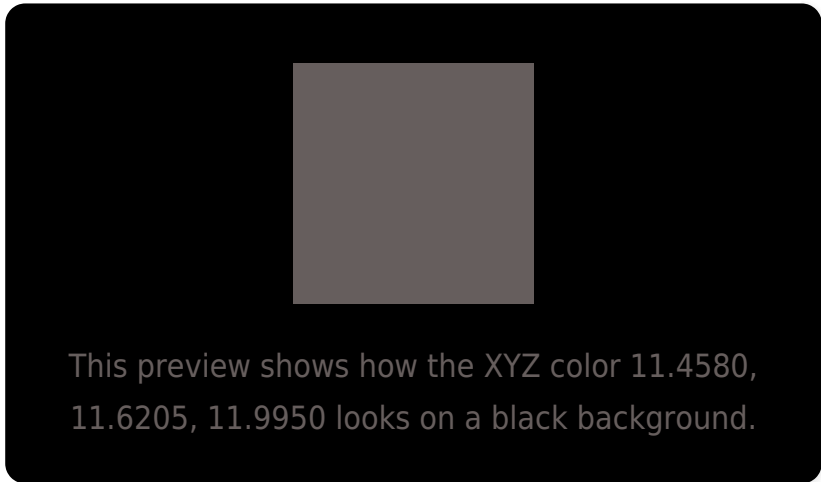
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4580, 11.6205, 11.9950

Background



This preview shows how black text looks on a background with the XYZ color 11.4580, 11.6205, 11.9950.

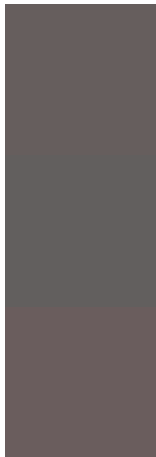


This preview shows how white text looks on a background with the XYZ color 11.4580, 11.6205,

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

11.4580, 11.6205, 11.9950

Protanopia

11.1496, 11.5892, 12.2390

Deuteranopia

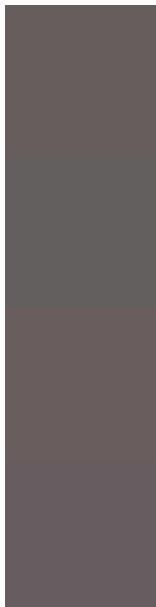
11.8340, 11.6832, 11.9873



Tritanopia

11.8081, 11.6324, 13.6795

Trichromacy



Original Color

11.4580, 11.6205, 11.9950

Protanomaly

11.2582, 11.6452, 12.2441

Deuteranomaly

11.7158, 11.6223, 11.9818

Tritanomaly

11.6655, 11.5753, 12.9287

Monochromacy



Original Color

11.4580, 11.6205, 11.9950

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1948, 11.6073, 12.4769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4580, 11.6205, 11.9950 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(102, 94, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 94, 93) }
```

Border

The CSS property to change the border of an element to XYZ 11.4580, 11.6205, 11.9950 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, 93) }
```


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

```
.border{ border-color:rgb(102, 94, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(102, 94,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4580, 11.6205, 11.9950 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, 93) }
```

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

```
.background{ background-color: rgb(102, 94,  
93) }
```

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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