

Converting Colors

XYZ(11.4011, 12.1044, 11.8610)

Have a look what the booklet for
XYZ(11.4011, 12.1044, 11.8610)
contains.

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Color

**XYZ(11.4450, 12.1607,
11.8692)**

Conversions

Conversions Part 1

Format	Color
Hex	63625C
RGB	99, 98, 92
RGB Percent	39%, 38%, 36%
CMY	0.6118, 0.6157, 0.6392
CMYK	0.00, 0.01, 0.07, 0.61
HSL	51°, 4%, 37%
HSV	51°, 7%, 39%
XYZ	11.4450, 12.1607, 11.8692
YIQ	97.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

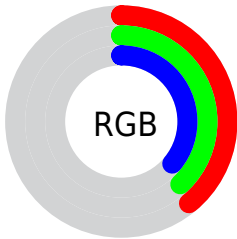
Format	Color
RYB	93, 99, 92
Decimal	6513244
CIELab	41.47, -0.81, 3.55
CIElCh	41, 3.639, 102.904
Yxy	12.1607, 0.3226, 0.3428
Android (android.graphics.Color)	4284703324 (0xFF63625C)
YUV	97.6150, -2.7682, 1.2146
Hunter-Lab	34.8722, -2.4429, 4.2304

Details

The XYZ color **11.4450, 12.1607, 11.8692** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5800, 11.0046, 13.3709**, and the grayscale version is **11.5204, 12.1203, 13.1990**.

A 20% lighter version of the original color is **28.2076, 29.9319, 29.8819**, and **3.1893, 3.4101, 3.0749** is the 20% darker color. If you saturate the color by 10%, you get **10.9095, 11.7375, 9.6933**, and if you desaturate by 10%, it is **12.0401, 12.6123, 14.3444**.

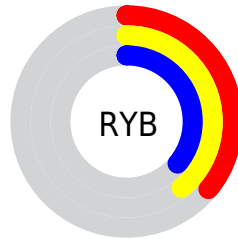
Distribution



Red (39%)

Green (38%)

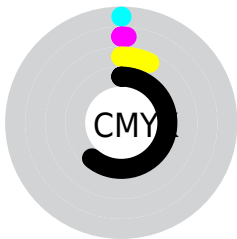
Blue (36%)



Red (36%)

Yellow (39%)

Blue (36%)

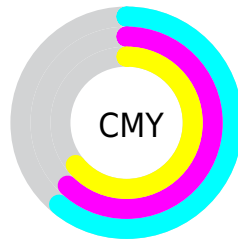


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4450, 12.1607, 11.8692 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 11.4450, 12.1607, 11.8692 by changing the saturation by 10% instead.

■ 11.4450, 12.1607,
11.8692

■ 11.4450, 12.1607,
11.8692

194.5415,
205.4663, 214.4845

■ 6.4365, 6.8532,
6.5332

■ 28.1059, 29.7875,
29.9175

■ 3.1554, 3.3705,
3.0980

■ 40.4889, 42.8755,
43.4669

■ 1.2365, 1.3281,
1.1449

■ 56.0609, 59.3259,
60.5911

■ 0.1349, 0.1628,
0.0000

■ 75.1871, 79.5230,
81.7088

■ 0.0000, 0.0000,
0.0000

98.2329, 103.8512,
107.2384

125.5637,

132.6948, 137.5986

157.5447,
166.4384, 173.2078

■ 11.4450, 12.1607,
11.8692

■ 11.4450, 12.1607,
11.8692

■ 10.9095, 11.7375,
9.6933

■ 12.0401, 12.6123,
14.3444

■ 10.4304, 11.3401,
7.8044

■ 12.6958, 13.0914,
17.1289

■ 10.0056, 10.9682,
6.1905

■ 13.4145, 13.5996,
20.2332

■ 9.6328, 10.6207,
4.8386

■ 14.1980, 14.1374,
23.6673

■ 9.3091, 10.2966,
3.7345

■ 15.0482, 14.7057,
27.4404

■ 9.0317, 9.9945,
2.8628

■ 15.9667, 15.3051,
31.5617

■ 8.7973, 9.7133,
2.2061

■ 16.9551, 15.9364,
36.0398

■ 8.6021, 9.4514,
1.7450

■ 18.0152, 16.6001,
40.8831

■ 8.4339, 9.2038,
1.4153

■ 19.1485, 17.2970,
46.0997

Harmonies

Analogous

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



11.7088, 12.1607, 11.8949



11.4450, 12.1607, 11.8692



11.2151, 12.1607, 12.2008

Triad

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



11.4450, 12.1607, 11.8692



11.1892, 12.1607, 14.2591



12.0521, 12.1607, 13.6745

Complementary

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



11.4450, 12.1607, 11.8692



10.5800, 11.0046, 13.3709

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.



11.9086, 12.1607, 14.3386



11.4450, 12.1607, 11.8692



11.4093, 12.1607, 14.6849

Square

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



11.4450, 12.1607, 11.8692



11.0689, 12.1607, 13.5694



11.6725, 12.1607, 14.7145



12.0621, 12.1607, 12.9178

Rectangle

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



11.4450, 12.1607, 11.8692



11.1108, 12.1607, 12.5875



11.6725, 12.1607, 14.7145



12.0178, 12.1607, 13.9166

Sweetspot

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



11.4453, 12.1612, 11.8695



20.1326, 21.2439, 22.4247



10.9508, 11.0983, 11.9327



4.7899, 5.0530, 5.3489



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



11.4453, 12.1612, 11.8695



19.5224, 20.7755, 19.9034



11.2756, 12.2132, 11.8884



2.7346, 2.9125, 2.7622



10.9094, 11.8616, 1.7145



57.7928, 62.3916, 8.9968

Inverse Universe

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



10.5800, 11.0046, 13.3709



17.8075, 18.4832, 22.8790



10.7418, 10.9588, 13.3536



2.4764, 2.5674, 3.2103



3.1210, 1.5447, 15.5213



16.2604, 7.4270, 82.7811

Previews

White Background



This preview shows how the XYZ color 11.4450, 12.1607, 11.8692 looks on a white background.

Color Contrast Check

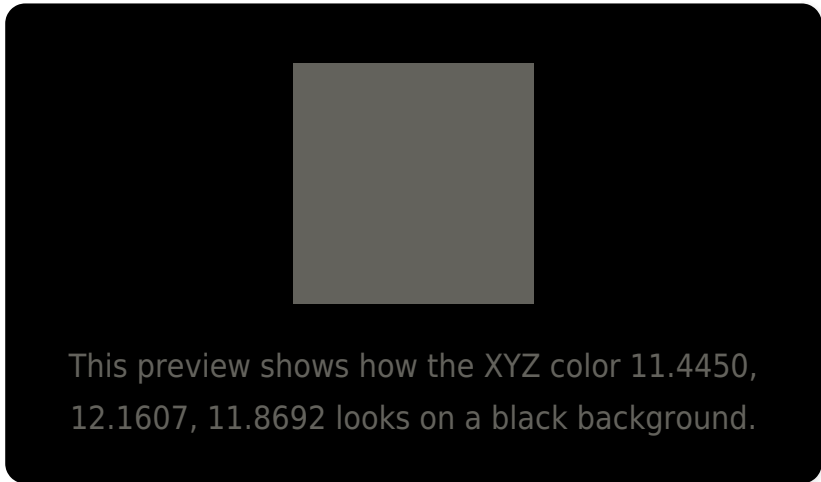
Large Text (above 18pt) WCAG AA ✓ Pass

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

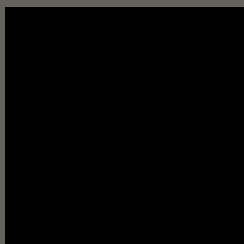
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4450, 12.1607, 11.8692

Background



This preview shows how black text looks on a background with the XYZ color 11.4450, 12.1607, 11.8692.

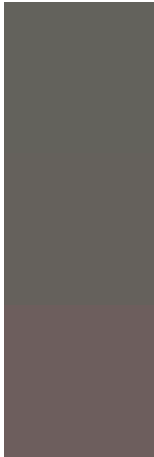


This preview shows how white text looks on a background with the XYZ color 11.4450, 12.1607,

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

11.4450, 12.1607, 11.8692

Protanopia

11.5733, 12.0888, 11.8486

Deuteranopia

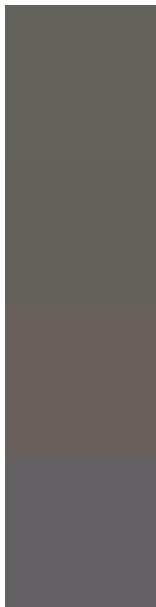
12.2852, 12.0469, 12.0337



Tritanopia

12.0484, 12.1319, 14.8034

Trichromacy



Original Color

11.4450, 12.1607, 11.8692

Protanomaly

11.4620, 12.0314, 11.8434

Deuteranomaly

11.8937, 11.9780, 12.0410

Tritanomaly

11.8305, 12.1788, 13.7838

Monochromacy



Original Color

11.4450, 12.1607, 11.8692

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5160, 12.1766, 12.8097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4450, 12.1607, 11.8692 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, 98, 92) looks like.

```
.text, #text, p{  
    color:rgb(99, 98, 92)  
}
```

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, 98, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 98, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.4450, 12.1607, 11.8692 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, 98, 92) }
```


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

```
.border{ border-color:rgb(99, 98, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 98, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 98, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 98, 92);  
box-shadow:4px 4px 4px 4px rgb(99, 98, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4450, 12.1607, 11.8692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 98, 92) }
```

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

```
.background{ background-color: rgb(99, 98,  
92) }
```

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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