

Converting Colors

XYZ(11.0629, 11.2510, 12.6688)

Have a look what the booklet for
XYZ(11.0629, 11.2510, 12.6688)
contains.

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Color

**XYZ(11.0627, 11.2699,
12.6586)**

Conversions

Conversions Part 1

Format	Color
Hex	625D60
RGB	98, 93, 96
RGB Percent	38%, 36%, 38%
CMY	0.6157, 0.6353, 0.6235
CMYK	0.00, 0.05, 0.02, 0.62
HSL	324°, 3%, 37%
HSV	324°, 5%, 38%
XYZ	11.0627, 11.2699, 12.6586
YIQ	94.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

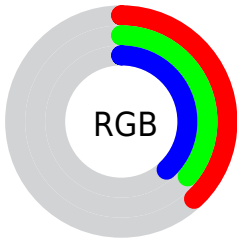
Format	Color
RYB	98, 93, 96
Decimal	6446432
CIELab	40.03, 2.61, -1.01
CIELCh	40, 2.797, 338.907
Yxy	11.2699, 0.3162, 0.3221
Android (android.graphics.Color)	4284636512 (0xFF625D60)
YUV	94.8370, 0.5734, 2.7740
Hunter-Lab	33.5707, 0.0733, 1.1428

Details

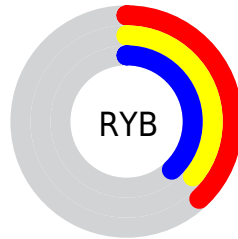
The XYZ color **11.0627, 11.2699, 12.6586** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9479, 11.8891, 12.5449**, and the grayscale version is **10.8368, 11.4012, 12.4159**.

A 20% lighter version of the original color is **27.4052, 28.1098, 31.1755**, and **3.0084, 2.9934, 3.4368** is the 20% darker color. If you saturate the color by 10%, you get **10.0811, 9.5883, 11.4628**, and if you desaturate by 10%, it is **12.1642, 13.1766, 13.9391**.

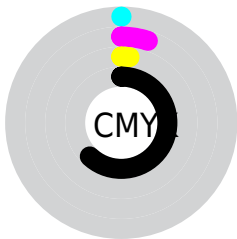
Distribution



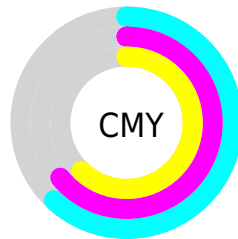
- Red (38%)
- Green (36%)
- Blue (38%)



- Red (38%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0627, 11.2699, 12.6586 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 11.0627, 11.2699, 12.6586 by changing the saturation by 10% instead.

■ 11.0627, 11.2699,
12.6586

■ 11.0627, 11.2699,
12.6586

191.9966,
199.5100, 219.8484

■ 6.1766, 6.2487,
7.0659

■ 27.4080, 28.1582,
31.3712

■ 2.9945, 2.9969,
3.4243

■ 39.5979, 40.7940,
45.3282

■ 1.1508, 1.1301,
1.3152

■ 54.9531, 56.7369,
62.9104

■ 0.0670, 0.0035,
0.0742

■ 73.8390, 76.3711,
84.5364

■ 0.0000, 0.0000,
0.0000

96.6210, 100.0812,
110.6246

123.6643,

128.2514, 141.5937

155.3344,
161.2662, 177.8621

■ 11.0627, 11.2699,
12.6586

■ 11.0627, 11.2699,
12.6586

■ 10.0811, 9.5883,
11.4628

■ 12.1642, 13.1766,
13.9391

■ 9.2142, 8.1220,
10.3489

■ 13.3887, 15.3148,
15.3055

■ 8.4577, 6.8626,
9.3150

■ 14.7405, 17.6926,
16.7600

■ 7.8067, 5.8005,
8.3588

■ 16.2231, 20.3172,
18.3044

■ 7.2561, 4.9255,
7.4778

■ 17.8401, 23.1954,
19.9405

6.8001, 4.2264,
6.6694

19.5950, 26.3339,
21.6701

6.4324, 3.6908,
5.9308

21.4911, 29.7391,
23.4947

6.1458, 3.3046,
5.2589

23.5313, 33.4171,
25.4160

5.9237, 3.0347,
4.6473

25.7190, 37.3738,
27.4355

Harmonies

Analogous

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



10.9472, 11.2699, 13.1193



11.0627, 11.2699, 12.6586



11.0836, 11.2699, 12.1067

Triad

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



11.0627, 11.2699, 12.6586



10.6542, 11.2699, 11.2478



10.4247, 11.2699, 12.9527

Complementary

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



11.0627, 11.2699, 12.6586



10.9479, 11.8891, 12.5449

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.



10.3482, 11.2699, 12.4368



11.0627, 11.2699, 12.6586



10.4797, 11.2699, 11.4601

Square

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



11.0627, 11.2699, 12.6586



10.8462, 11.2699, 11.3032



10.3682, 11.2699, 11.8914



10.5783, 11.2699, 13.2926

Rectangle

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



11.0627, 11.2699, 12.6586



11.0408, 11.2699, 11.7630



10.3682, 11.2699, 11.8914



10.3892, 11.2699, 12.7935

Sweetspot

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



11.0630, 11.2704, 12.6588



19.9513, 20.7239, 22.8499



10.8387, 11.1440, 13.1352



4.7506, 4.9403, 5.4410



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.



11.0630, 11.2704, 12.6588



19.1914, 19.4138, 21.9504



10.9498, 11.2251, 12.0625



2.6958, 2.7266, 3.0834



7.7298, 3.8668, 5.6971



40.8511, 20.4799, 28.0999

Inverse Universe

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



11.0630, 11.2704, 12.6588



19.1914, 19.4138, 21.9504



11.0633, 11.9353, 13.1528



2.6958, 2.7266, 3.0834



7.7298, 3.8668, 5.6971



40.8511, 20.4799, 28.0999

Previews

White Background



This preview shows how the XYZ color 11.0627, 11.2699, 12.6586 looks on a white background.

Color Contrast Check

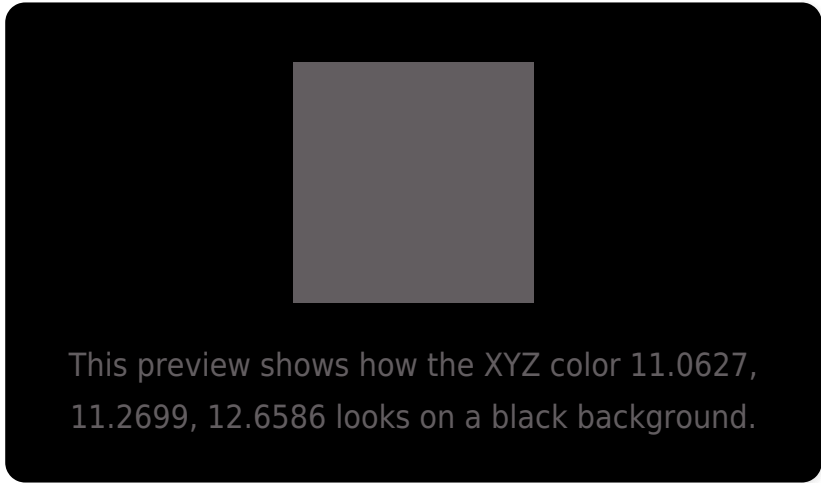
Large Text (above 18pt) WCAG AA ✓ Pass

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

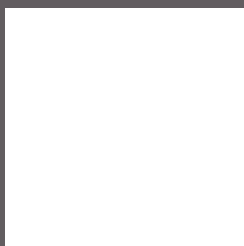
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0627, 11.2699, 12.6586

Background



This preview shows how black text looks on a background with the XYZ color 11.0627, 11.2699, 12.6586.



This preview shows how white text looks on a background with the XYZ color 11.0627, 11.2699,

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

11.0627, 11.2699, 12.6586

Protanopia

10.8333, 11.2828, 12.6732

Deuteranopia

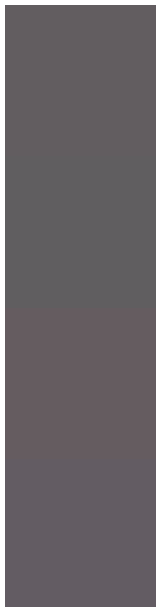
11.4459, 11.2103, 12.6269



Tritanopia

11.2730, 11.2270, 13.6295

Trichromacy



Original Color

11.0627, 11.2699, 12.6586

Protanomaly

10.9379, 11.3367, 12.6780

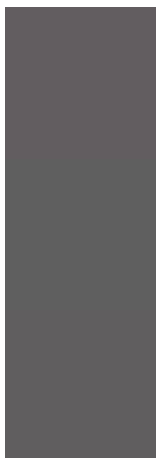
Deuteranomaly

11.3053, 11.2655, 12.6449

Tritanomaly

11.2249, 11.2078, 13.3761

Monochromacy



Original Color

11.0627, 11.2699, 12.6586

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.8921, 11.3184, 12.4371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0627, 11.2699, 12.6586 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(98, 93, 96) looks like.

```
.text, #text, p{  
    color:rgb(98, 93, 96)  
}
```

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(98, 93, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 93, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.0627, 11.2699, 12.6586 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(98, 93, 96) }
```


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

```
.border{ border-color:rgb(98, 93, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 93, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 93, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 93, 96);  
box-shadow:4px 4px 4px 4px rgb(98, 93, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0627, 11.2699, 12.6586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 93, 96) }
```

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

```
.background{ background-color: rgb(98, 93,  
96) }
```

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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