

Converting Colors

XYZ(11.8972, 11.7955, 12.9173)

Have a look what the booklet for
XYZ(11.8972, 11.7955, 12.9173)
contains.

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Color

**XYZ(11.8693, 11.8115,
12.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	685E61
RGB	104, 94, 97
RGB Percent	41%, 37%, 38%
CMY	0.5922, 0.6314, 0.6196
CMYK	0.00, 0.10, 0.07, 0.59
HSL	342°, 5%, 39%
HSV	342°, 10%, 41%
XYZ	11.8693, 11.8115, 12.9635
YIQ	97.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

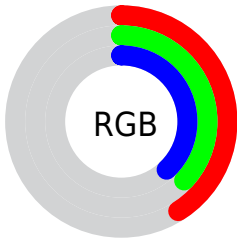
Format	Color
R_{YB}	104, 94, 97
Decimal	6839905
CIE _{Lab}	40.91, 4.60, -0.26
CIE _{LCh}	41, 4.603, 356.753
Yxy	11.8115, 0.3239, 0.3223
Android (android.graphics.Color)	4285029985 (0xFF685E61)
YUV	97.3320, -0.1637, 5.8478
Hunter-Lab	34.3679, 1.5031, 1.6934

Details

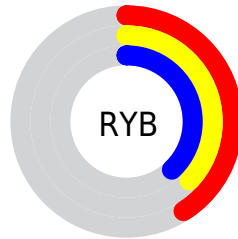
The XYZ color **11.8693, 11.8115, 12.9635** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9158, 13.2203, 14.2363**, and the grayscale version is **11.4438, 12.0397, 13.1113**.

A 20% lighter version of the original color is **28.8361, 29.0532, 32.1050**, and **3.3418, 3.2228, 3.5779** is the 20% darker color. If you saturate the color by 10%, you get **10.6821, 9.9556, 10.9689**, and if you desaturate by 10%, it is **13.2130, 13.9302, 15.1643**.

Distribution



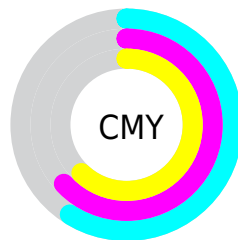
- Red (41%)
- Green (37%)
- Blue (38%)



- Red (41%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8693, 11.8115, 12.9635 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 11.8693, 11.8115, 12.9635 by changing the saturation by 10% instead.

■ 11.8693, 11.8115,
12.9635

■ 11.8693, 11.8115,
12.9635

197.3257,
203.1533, 221.8832

■ 6.7263, 6.6155,
7.2730

■ 28.8758, 29.1513,
31.9284

■ 3.3363, 3.2228,
3.5524

■ 41.4699, 42.0639,
46.0399

■ 1.3340, 1.2491,
1.3831

■ 57.2786, 58.3174,
63.7955

■ 0.2085, 0.1013,
0.1285

■ 76.6670, 78.2963,
85.6136

■ 0.0000, 0.0000,
0.0000

100.0006,
102.3850, 111.9129

127.6446,

130.9677, 143.1120

159.9646,
164.4291, 179.6292

■ 11.8693, 11.8115,
12.9635

■ 11.8693, 11.8115,
12.9635

■ 10.6821, 9.9556,
10.9689

■ 13.2130, 13.9302,
15.1643

■ 9.6446, 8.3507,
9.1738

■ 14.7176, 16.3197,
17.5764

■ 8.7509, 6.9864,
7.5720

■ 16.3888, 18.9899,
20.2056

■ 7.9946, 5.8510,
6.1568

■ 18.2314, 21.9494,
23.0572

■ 7.3684, 4.9317,
4.9212

■ 20.2502, 25.2065,
26.1364

■ 6.8647, 4.2147,
3.8576

■ 22.4498, 28.7693,
29.4481

■ 6.4747, 3.6844,
2.9578

■ 24.8347, 32.6456,
32.9972

■ 6.1885, 3.3228,
2.2129

■ 27.4089, 36.8427,
36.7883

■ 5.9669, 3.0532,
1.6037

■ 30.1767, 41.3679,
40.8260

Harmonies

Analogous

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



11.7633, 11.8115, 13.8787



11.8693, 11.8115, 12.9635



11.8003, 11.8115, 12.0631

Triad

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



11.8693, 11.8115, 12.9635



10.9444, 11.8115, 11.3114



10.8836, 11.8115, 14.4345

Complementary

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



11.8693, 11.8115, 12.9635



11.9158, 13.2203, 14.2363

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.



10.6716, 11.8115, 13.6927



11.8693, 11.8115, 12.9635



10.7062, 11.8115, 11.8938

Square

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



11.8693, 11.8115, 12.9635



11.2623, 11.8115, 11.1371



10.6073, 11.8115, 12.7585



11.1907, 11.8115, 14.7536

Rectangle

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



11.8693, 11.8115, 12.9635



11.6650, 11.8115, 11.5869



10.6073, 11.8115, 12.7585



10.7990, 11.8115, 14.2246

Sweetspot

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



11.8696, 11.8120, 12.9638



22.3312, 23.0961, 25.2227



11.8686, 11.7721, 14.7436



5.4082, 5.5717, 6.0883



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.



11.8696, 11.8120, 12.9638



20.2297, 19.7909, 21.7548



11.9126, 12.1174, 12.3013



2.8601, 2.8587, 3.1360



7.3321, 3.7458, 1.8811



37.8946, 19.3978, 7.9882

Inverse Universe

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



11.8696, 11.8120, 12.9638



20.2297, 19.7909, 21.7548



11.8666, 12.8823, 14.9580



2.8601, 2.8587, 3.1360



7.3321, 3.7458, 1.8811



37.8946, 19.3978, 7.9882

Previews

White Background



This preview shows how the XYZ color 11.8693, 11.8115, 12.9635 looks on a white background.

Color Contrast Check

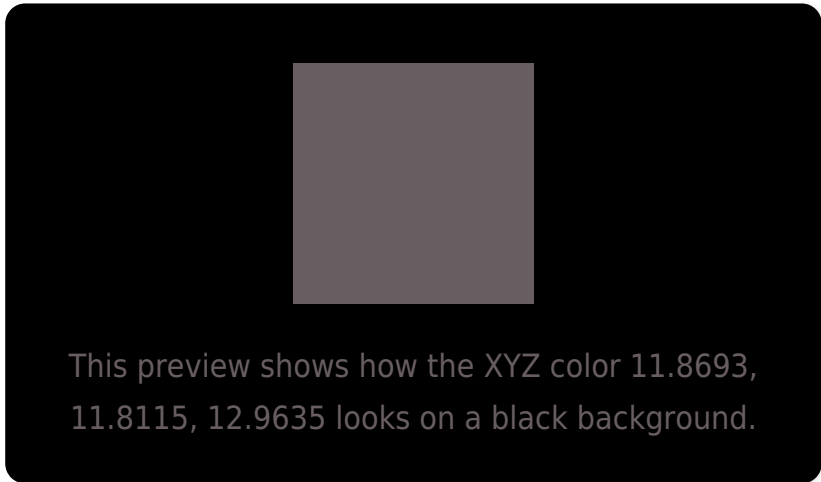
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8693, 11.8115, 12.9635

Background



This preview shows how black text looks on a background with the XYZ color 11.8693, 11.8115, 12.9635.



This preview shows how white text looks on a background with the XYZ color 11.8693, 11.8115,

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

11.8693, 11.8115, 12.9635

Protanopia

11.4245, 11.8443, 13.2393

Deuteranopia

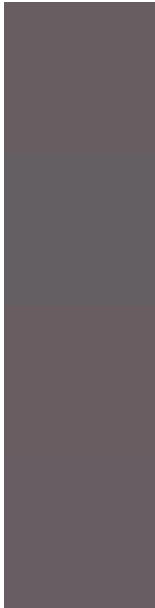
11.8977, 11.6950, 12.9395



Tritanopia

12.0890, 11.7715, 13.9469

Trichromacy



Original Color

11.8693, 11.8115, 12.9635

Protanomaly

11.5523, 11.7756, 13.2193

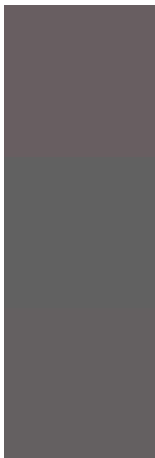
Deuteranomaly

11.8977, 11.6950, 12.9395

Tritanomaly

12.0403, 11.7521, 13.6904

Monochromacy



Original Color

11.8693, 11.8115, 12.9635

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5961, 11.9381, 13.0024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8693, 11.8115, 12.9635 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(104, 94, 97)` looks like.

```
.text, #text, p{  
    color:rgb(104, 94, 97)  
}
```

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(104, 94, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 94, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.8693, 11.8115, 12.9635 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(104, 94, 97) }
```


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

```
.border{ border-color:rgb(104, 94, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 94, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 94, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 94, 97);  
box-shadow:4px 4px 4px 4px rgb(104, 94,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8693, 11.8115, 12.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 94, 97) }
```

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

```
.background{ background-color: rgb(104, 94,  
97) }
```

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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