

Converting Colors

XYZ(11.4778, 11.6720, 13.4330)

Have a look what the booklet for
XYZ(11.4778, 11.6720, 13.4330)
contains.

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Color

**XYZ(11.4899, 11.7379,
13.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	635F63
RGB	99, 95, 99
RGB Percent	39%, 37%, 39%
CMY	0.6118, 0.6274, 0.6118
CMYK	0.00, 0.04, 0.00, 0.61
HSL	300°, 2%, 38%
HSV	300°, 4%, 39%
XYZ	11.4899, 11.7379, 13.4644
YIQ	96.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

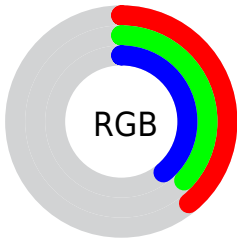
Format	Color
RYB	99, 95, 99
Decimal	6512483
CIELab	40.80, 2.41, -1.72
CIELCh	41, 2.962, 324.596
Yxy	11.7379, 0.3131, 0.3199
Android (android.graphics.Color)	4284702563 (0xFF635F63)
YUV	96.6520, 1.1576, 2.0592
Hunter-Lab	34.2606, -0.0930, 0.6815

Details

The XYZ color **11.4899, 11.7379, 13.4644** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2471, 12.1831, 12.5858**, and the grayscale version is **11.2743, 11.8615, 12.9171**.

A 20% lighter version of the original color is **28.2081, 28.9368, 32.9528**, and **3.2091, 3.2106, 3.8187** is the 20% darker color. If you saturate the color by 10%, you get **10.6544, 10.0667, 13.1860**, and if you desaturate by 10%, it is **12.4395, 13.6369, 13.7811**.

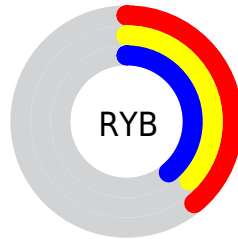
Distribution



Red (39%)

Green (37%)

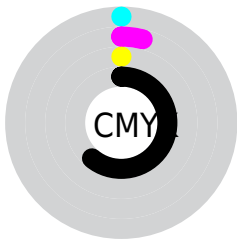
Blue (39%)



Red (39%)

Yellow (37%)

Blue (39%)

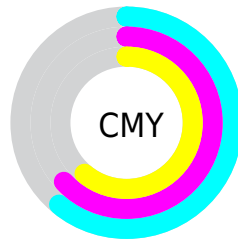


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (61%)



Cyan (61%)

Magenta (63%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4899, 11.7379, 13.4644 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 11.4899, 11.7379, 13.4644 by changing the saturation by 10% instead.

■ 11.4899, 11.7379,
13.4644

■ 11.4899, 11.7379,
13.4644

194.8381,
202.6623, 225.1842

■ 6.4671, 6.5655,
7.6146

■ 28.1876, 29.0168,
32.8389

■ 3.1745, 3.1919,
3.7651

■ 40.5931, 41.8921,
47.2008

■ 1.2467, 1.2327,
1.4974

■ 56.1903, 58.1038,
65.2371

■ 0.1428, 0.0882,
0.2160

■ 75.3445, 78.0363,
87.3664

■ 0.0000, 0.0000,
0.0000

98.4210, 102.0741,
114.0072

125.7852,

130.6014, 145.5781

157.8024,
164.0026, 182.4976

■ 11.4899, 11.7379,
13.4644

■ 11.4899, 11.7379,
13.4644

■ 10.6544, 10.0667,
13.1860

■ 12.4395, 13.6369,
13.7811

■ 9.9276, 8.6132,
12.9438

■ 13.5061, 15.7700,
14.1366

■ 9.3055, 7.3689,
12.7364

■ 14.6938, 18.1456,
14.5325

■ 8.7832, 6.3243,
12.5623

■ 16.0065, 20.7708,
14.9701

■ 8.3554, 5.4688,
12.4197

■ 17.4474, 23.6527,
15.4504

■ 8.0167, 4.7913,
12.3068

■ 19.0200, 26.7980,
15.9746

■ 7.7606, 4.2792,
12.2215

■ 20.7276, 30.2130,
16.5438

■ 7.5801, 3.9183,
12.1613

■ 22.5731, 33.9041,
17.1589

■ 7.4618, 3.6816,
12.1219

■ 24.5598, 37.8773,
17.8211

Harmonies

Analogous

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



11.3259, 11.7379, 13.8645



11.4899, 11.7379, 13.4644



11.5646, 11.7379, 12.8901

Triad

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



11.4899, 11.7379, 13.4644



11.1947, 11.7379, 11.6603



10.7923, 11.7379, 13.2694

Complementary

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



11.4899, 11.7379, 13.4644



11.2471, 12.1831, 12.5858

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.



10.7582, 11.7379, 12.6716



11.4899, 11.7379, 13.4644



10.9888, 11.7379, 11.7547

Square

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



11.4899, 11.7379, 13.4644



11.3928, 11.7379, 11.8583



10.8297, 11.7379, 12.1203



10.9235, 11.7379, 13.7495

Rectangle

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



11.4899, 11.7379, 13.4644



11.5531, 11.7379, 12.4905



10.8297, 11.7379, 12.1203



10.7692, 11.7379, 13.0751

Sweetspot

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



11.4902, 11.7384, 13.4647



20.1802, 21.0752, 23.2543



11.0702, 11.5308, 13.4467



4.8002, 5.0164, 5.5285



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.



11.4902, 11.7384, 13.4647



19.5431, 19.8010, 23.0419



11.3989, 11.7019, 12.9838



2.7423, 2.7750, 3.2363



9.6433, 4.6321, 15.7735



51.5166, 24.7460, 84.2658

Inverse Universe

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



11.3038, 11.6638, 12.4826



19.1385, 19.6392, 20.9114



11.3361, 12.2187, 13.0543



2.6837, 2.7515, 2.9274



6.7076, 3.4579, 0.3139



35.8334, 18.4728, 1.6770

Previews

White Background



This preview shows how the XYZ color 11.4899, 11.7379, 13.4644 looks on a white background.

Color Contrast Check

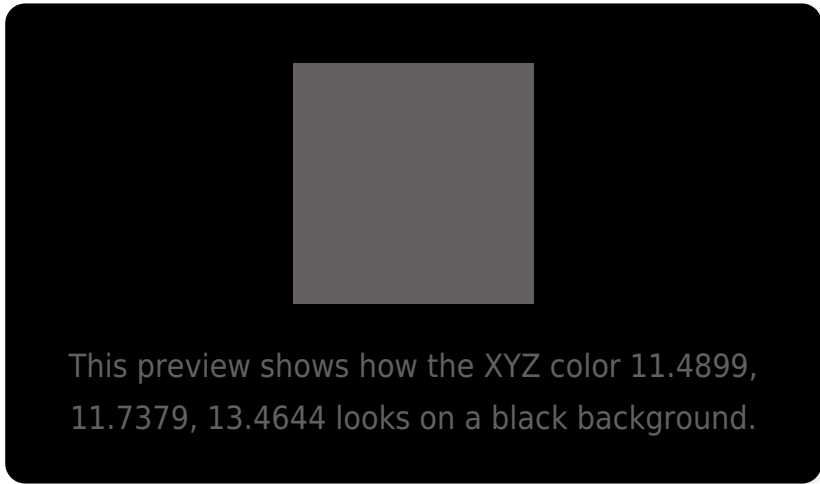
Large Text (above 18pt) WCAG AA ✓ Pass

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

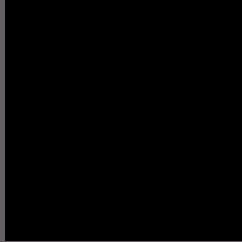
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4899, 11.7379, 13.4644

Background



This preview shows how black text looks on a background with the XYZ color 11.4899, 11.7379, 13.4644.



This preview shows how white text looks on a background with the XYZ color 11.4899, 11.7379,

13.4644.

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

11.4899, 11.7379, 13.4644

Protanopia

11.3648, 11.8080, 13.4846

Deuteranopia

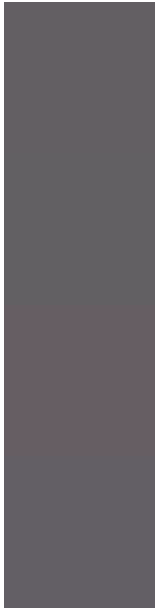
11.8754, 11.6726, 13.4315



Tritanopia

11.6361, 11.7964, 14.2340

Trichromacy



Original Color

11.4899, 11.7379, 13.4644

Protanomaly

11.4720, 11.8633, 13.4896

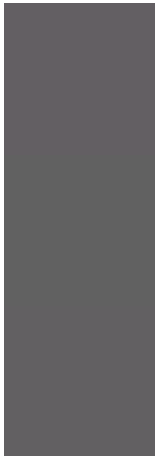
Deuteranomaly

11.7343, 11.7310, 13.4502

Tritanomaly

11.5868, 11.7767, 13.9744

Monochromacy



Original Color

11.4899, 11.7379, 13.4644

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4245, 11.8443, 13.2393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4899, 11.7379, 13.4644 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, 95, 99) looks like.

```
.text, #text, p{  
    color:rgb(99, 95, 99)  
}
```

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, 95, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 95, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.4899, 11.7379, 13.4644 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, 95, 99) }
```


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

```
.border{ border-color:rgb(99, 95, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 95, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 95, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 95, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 95, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4899, 11.7379, 13.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 95, 99) }
```

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

```
.background{ background-color: rgb(99, 95,  
99) }
```

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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