

Converting Colors

XYZ(11.5321, 11.9552, 13.6178)

Have a look what the booklet for
XYZ(11.5321, 11.9552, 13.6178)
contains.

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Color

**XYZ(11.4720, 11.8633,
13.4896)**

Conversions

Conversions Part 1

Format	Color
Hex	626063
RGB	98, 96, 99
RGB Percent	38%, 38%, 39%
CMY	0.6157, 0.6235, 0.6118
CMYK	0.01, 0.03, 0.00, 0.61
HSL	280°, 2%, 38%
HSV	280°, 3%, 39%
XYZ	11.4720, 11.8633, 13.4896
YIQ	96.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

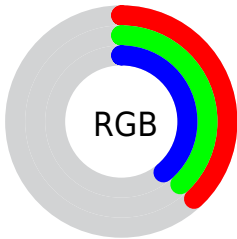
Format	Color
RYB	98, 96, 99
Decimal	6447203
CIELab	41.00, 1.42, -1.43
CIElCh	41, 2.014, 314.730
Yxy	11.8633, 0.3115, 0.3222
Android (android.graphics.Color)	4284637283 (0xFF626063)
YUV	96.9400, 1.0156, 0.9296
Hunter-Lab	34.4431, -0.8224, 0.8894

Details

The XYZ color **11.4720, 11.8633, 13.4896** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5035, 12.3100, 12.8368**, and the grayscale version is **11.3454, 11.9362, 12.9986**.

A 20% lighter version of the original color is **28.1783, 29.1493, 32.9954**, and **3.1994, 3.2683, 3.8304** is the 20% darker color. If you saturate the color by 10%, you get **10.2761, 9.9896, 13.1911**, and if you desaturate by 10%, it is **12.7971, 13.9732, 13.8272**.

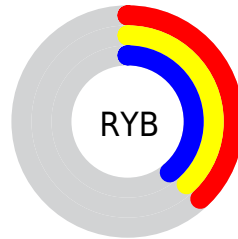
Distribution



Red (38%)

Green (38%)

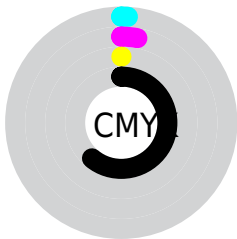
Blue (39%)



Red (38%)

Yellow (38%)

Blue (39%)

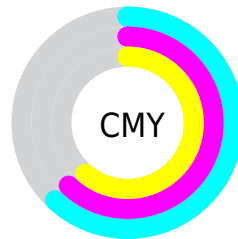


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (61%)



Cyan (62%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4720, 11.8633, 13.4896 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 11.4720, 11.8633, 13.4896 by changing the saturation by 10% instead.

■ 11.4720, 11.8633,
13.4896

■ 11.4720, 11.8633,
13.4896

194.7199,
203.4982, 225.3490

■ 6.4549, 6.6507,
7.6319

■ 28.1550, 29.2459,
32.8846

■ 3.1669, 3.2446,
3.7759

■ 40.5516, 42.1846,
47.2589

■ 1.2426, 1.2607,
1.5032

■ 56.1387, 58.4675,
65.3093

■ 0.1396, 0.1105,
0.2203

■ 75.2818, 78.4790,
87.4540

■ 0.0000, 0.0000,
0.0000

98.3460, 102.6034,
114.1119

125.6969,

131.2251, 145.7013

157.6998,
164.7286, 182.6408

■ 11.4720, 11.8633,
13.4896

■ 11.4720, 11.8633,
13.4896

■ 10.2761, 9.9896,
13.1911

■ 12.7971, 13.9732,
13.8272

■ 9.2039, 8.3419,
12.9296

■ 14.2545, 16.3258,
14.2045

■ 8.2511, 6.9119,
12.7038

■ 15.8486, 18.9293,
14.6230

■ 7.4129, 5.6897,
12.5121

■ 17.5830, 21.7910,
15.0839

■ 6.6838, 4.6651,
12.3528

■ 19.4616, 24.9180,
15.5885

6.0581, 3.8267,
12.2239

21.4877, 28.3170,
16.1378

5.5293, 3.1620,
12.1235

23.6647, 31.9946,
16.7329

5.0903, 2.6570,
12.0491

25.9959, 35.9571,
17.3749

4.7298, 2.2894,
11.9972

28.4845, 40.2105,
18.0647

Harmonies

Analogous

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



11.3464, 11.8633, 13.7005



11.4720, 11.8633, 13.4896



11.5454, 11.8633, 13.1274

Triad

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



11.4720, 11.8633, 13.4896



11.3489, 11.8633, 12.1660



11.0096, 11.8633, 13.1201

Complementary

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



11.4720, 11.8633, 13.4896



11.5035, 12.3100, 12.8368

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.



11.0103, 11.8633, 12.7091



11.4720, 11.8633, 13.4896



11.2053, 11.8633, 12.1641

Square

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



11.4720, 11.8633, 13.4896



11.4739, 11.8633, 12.3662



11.0817, 11.8633, 12.3611



11.0798, 11.8633, 13.4841

Rectangle

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



11.4720, 11.8633, 13.4896



11.5543, 11.8633, 12.8517



11.0817, 11.8633, 12.3611



11.0016, 11.8633, 12.9827

Sweetspot

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



11.4723, 11.8638, 13.4899



20.1166, 21.0424, 23.2513



11.3558, 11.9468, 13.5120



4.7864, 5.0094, 5.5279



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.



11.4723, 11.8638, 13.4899



19.4467, 19.9832, 23.0821



11.5595, 11.9112, 13.3820



2.7230, 2.7930, 3.2408



5.8188, 2.6606, 15.5945



30.1245, 13.7180, 83.2647

Inverse Universe

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



11.4866, 11.8821, 12.9981



19.4803, 20.0258, 21.9412



11.4183, 12.2637, 12.9412



2.7281, 2.7994, 3.0685



7.0484, 3.5942, 2.1088



37.2807, 19.0517, 9.2984

Previews

White Background



This preview shows how the XYZ color 11.4720, 11.8633, 13.4896 looks on a white background.

Color Contrast Check

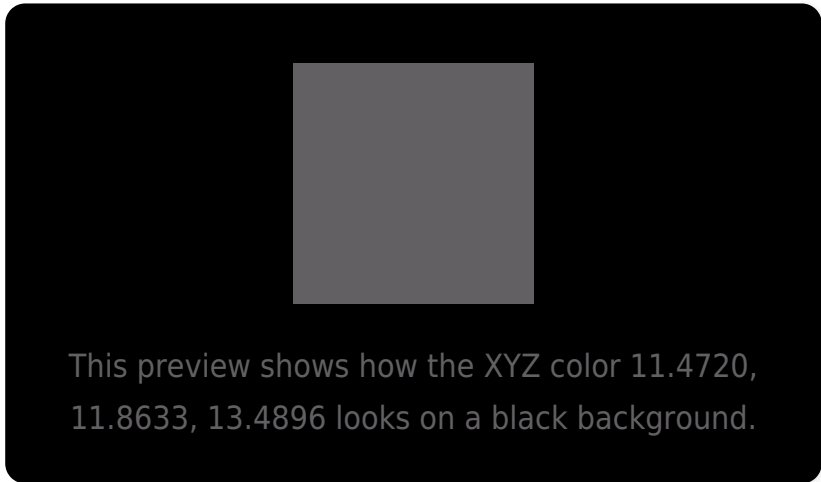
Large Text (above 18pt) WCAG AA ✓ Pass

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

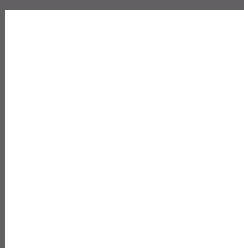
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4720, 11.8633, 13.4896

Background



This preview shows how black text looks on a background with the XYZ color 11.4720, 11.8633, 13.4896.



This preview shows how white text looks on a background with the XYZ color 11.4720, 11.8633,

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

11.4720, 11.8633, 13.4896

Protanopia

11.4720, 11.8633, 13.4896

Deuteranopia

12.0805, 11.9095, 13.4664



Tritanopia

11.6860, 11.8163, 14.4968

Trichromacy



Original Color

11.4720, 11.8633, 13.4896

Protanomaly

11.4720, 11.8633, 13.4896

Deuteranomaly

11.8238, 11.9101, 13.4801

Tritanomaly

11.6361, 11.7964, 14.2340

Monochromacy



Original Color

11.4720, 11.8633, 13.4896

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4091, 11.9726, 13.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4720, 11.8633, 13.4896 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, 96, 99) looks like.

```
.text, #text, p{  
    color:rgb(98, 96, 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(98, 96, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 96, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.4720, 11.8633, 13.4896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

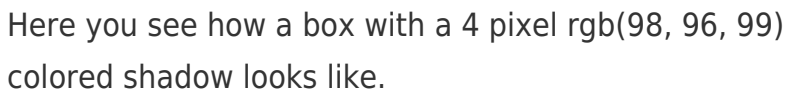
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 96, 99) }
```


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

```
.border{ border-color:rgb(98, 96, 99) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 96, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 96, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 96, 99);  
box-shadow:4px 4px 4px 4px rgb(98, 96, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4720, 11.8633, 13.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 96, 99) }
```

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

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