

Converting Colors

XYZ(11.1798, 11.4418, 13.2296)

Have a look what the booklet for
XYZ(11.1798, 11.4418, 13.2296)
contains.

XYZ(11.1371, 11.4286, 13.1742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.1371, 11.4286,
13.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	615E62
RGB	97, 94, 98
RGB Percent	38%, 37%, 38%
CMY	0.6196, 0.6314, 0.6157
CMYK	0.01, 0.04, 0.00, 0.62
HSL	285°, 2%, 38%
HSV	285°, 4%, 38%
XYZ	11.1371, 11.4286, 13.1742
YIQ	95.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

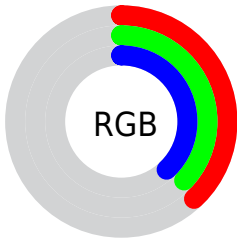
Format	Color
RYB	97, 94, 98
Decimal	6381154
CIELab	40.29, 2.03, -1.86
CIElCh	40, 2.753, 317.420
Yxy	11.4286, 0.3116, 0.3198
Android (android.graphics.Color)	4284571234 (0xFF615E62)
YUV	95.3530, 1.3050, 1.4444
Hunter-Lab	33.8062, -0.3559, 0.5592

Details

The XYZ color **11.1371, 11.4286, 13.1742** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1077, 11.9766, 12.3164**, and the grayscale version is **10.9591, 11.5298, 12.5560**.

A 20% lighter version of the original color is **27.6108, 28.4123, 32.4627**, and **3.0420, 3.0656, 3.6802** is the 20% darker color. If you saturate the color by 10%, you get **10.0636, 9.6629, 12.8901**, and if you desaturate by 10%, it is **12.3300, 13.4208, 13.4960**.

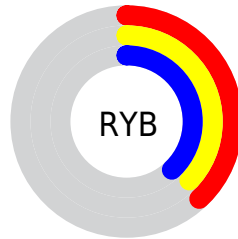
Distribution



Red (38%)

Green (37%)

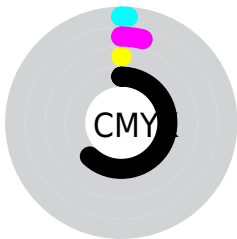
Blue (38%)



Red (38%)

Yellow (37%)

Blue (38%)

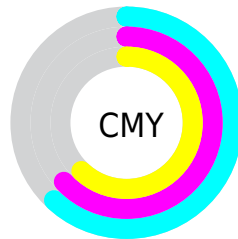


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (62%)



Cyan (62%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1371, 11.4286, 13.1742 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 11.1371, 11.4286, 13.1742 by changing the saturation by 10% instead.

■ 11.1371, 11.4286,
13.1742

■ 11.1371, 11.4286,
13.1742

192.4947,
200.5849, 223.2780

■ 6.2271, 6.3559,
7.4165

■ 27.5441, 28.4500,
32.3122

■ 3.0256, 3.0627,
3.6415

■ 39.7718, 41.1676,
46.5295

■ 1.1673, 1.1645,
1.4308

■ 55.1695, 57.2022,
64.4037

■ 0.0803, 0.0325,
0.1656

■ 74.1025, 76.9382,
86.3534

■ 0.0000, 0.0000,
0.0000

96.9362, 100.7601,
112.7972

124.0358,

129.0522, 144.1535

155.7669,
162.1990, 180.8409

■ 11.1371, 11.4286,
13.1742

■ 11.1371, 11.4286,
13.1742

■ 10.0636, 9.6629,
12.8901

■ 12.3300, 13.4208,
13.4960

■ 9.1043, 8.1139,
12.6417

■ 13.6453, 15.6458,
13.8562

■ 8.2550, 6.7732,
12.4277

■ 15.0871, 18.1118,
14.2562

■ 7.5111, 5.6316,
12.2465

■ 16.6590, 20.8256,
14.6971

■ 6.8673, 4.6786,
12.0965

■ 18.3645, 23.7944,
15.1803

6.3180, 3.9034,
11.9759

20.2070, 27.0245,
15.7067

5.8572, 3.2937,
11.8825

22.1897, 30.5224,
16.2773

5.4777, 2.8356,
11.8140

24.3156, 34.2942,
16.8933

5.1661, 2.5020,
11.7661

26.5878, 38.3458,
17.5556

Harmonies

Analogous

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



10.9736, 11.4286, 13.4818



11.1371, 11.4286, 13.1742



11.2275, 11.4286, 12.6759

Triad

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



11.1371, 11.4286, 13.1742



10.9433, 11.4286, 11.4386



10.5135, 11.4286, 12.7635

Complementary

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



11.1371, 11.4286, 13.1742



11.1077, 11.9766, 12.3164

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.



10.5056, 11.4286, 12.2146



11.1371, 11.4286, 13.1742



10.7522, 11.4286, 11.4605

Square

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



11.1371, 11.4286, 13.1742



11.1147, 11.4286, 11.6802



10.5925, 11.4286, 11.7409



10.6143, 11.4286, 13.2400

Rectangle

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



11.1371, 11.4286, 13.1742



11.2334, 11.4286, 12.3075



10.5925, 11.4286, 11.7409



10.5000, 11.4286, 12.5811

Sweetspot

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



11.1374, 11.4291, 13.1744



20.1325, 21.0507, 23.2520



10.9133, 11.4464, 13.1896



4.7899, 5.0111, 5.5281



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.



11.1374, 11.4291, 13.1744



19.3065, 19.6791, 23.0308



11.1977, 11.4656, 12.9324



2.7080, 2.7573, 3.2347



6.6063, 3.0665, 15.6314



34.4588, 15.9524, 83.4675

Inverse Universe

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



11.1056, 11.4287, 12.4474



19.2372, 19.6787, 21.4310



11.0497, 11.9415, 12.5494



2.6980, 2.7572, 3.0027



6.9176, 3.5419, 1.4202



36.6465, 18.7980, 5.9584

Previews

White Background



This preview shows how the XYZ color 11.1371, 11.4286, 13.1742 looks on a white background.

Color Contrast Check

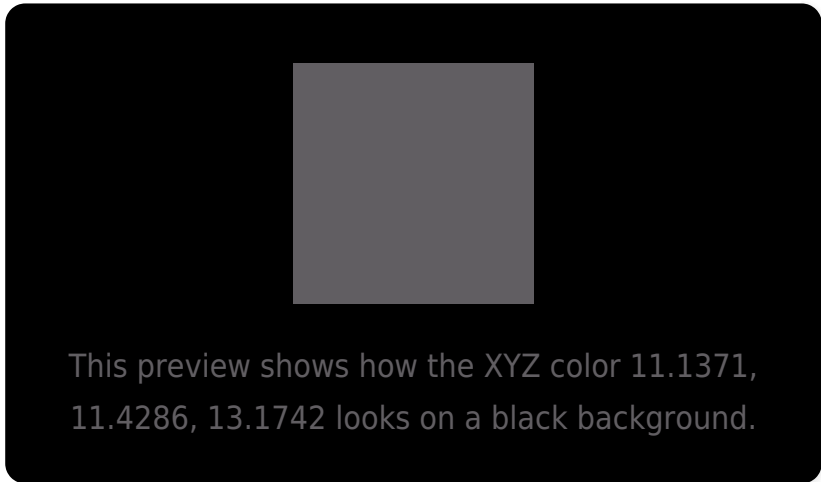
Large Text (above 18pt) WCAG AA ✓ Pass

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

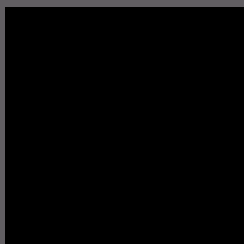
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

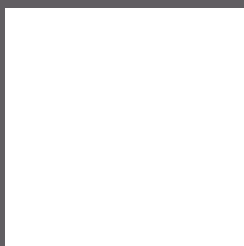
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1371, 11.4286, 13.1742

Background



This preview shows how black text looks on a background with the XYZ color 11.1371, 11.4286, 13.1742.



This preview shows how white text looks on a background with the XYZ color 11.1371, 11.4286,

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

11.1371, 11.4286, 13.1742

Protanopia

11.0312, 11.3740, 13.1693

Deuteranopia

11.6253, 11.4197, 13.1468



Tritanopia

11.2814, 11.4864, 13.9344

Trichromacy

**Original Color**

11.1371, 11.4286, 13.1742

Protanomaly

11.0312, 11.3740, 13.1693

Deuteranomaly

11.4858, 11.4772, 13.1652

Tritanomaly

11.2327, 11.4669, 13.6779

Monochromacy

**Original Color**

11.1371, 11.4286, 13.1742

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.0274, 11.5157, 12.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1371, 11.4286, 13.1742 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(97, 94, 98) looks like.

```
.text, #text, p{  
    color:rgb(97, 94, 98)  
}
```

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(97, 94, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 94, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.1371, 11.4286, 13.1742 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(97, 94, 98) }
```


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

```
.border{ border-color:rgb(97, 94, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 94, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 94, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 94, 98);  
box-shadow:4px 4px 4px 4px rgb(97, 94, 98)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1371, 11.4286, 13.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 94, 98) }
```

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

```
.background{ background-color: rgb(97, 94,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor