

Converting Colors

XYZ(11.7372, 11.8939, 14.1768)

Have a look what the booklet for
XYZ(11.7372, 11.8939, 14.1768)
contains.

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Color

**XYZ(11.7460, 11.8531,
14.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	645F66
RGB	100, 95, 102
RGB Percent	39%, 37%, 40%
CMY	0.6078, 0.6274, 0.6000
CMYK	0.02, 0.07, 0.00, 0.60
HSL	283°, 4%, 39%
HSV	283°, 7%, 40%
XYZ	11.7460, 11.8531, 14.2392
YIQ	97.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

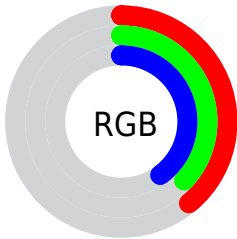
Format	Color
R_{YB}	100, 95, 102
Decimal	6578022
CIE Lab	40.98, 3.44, -3.27
CIE LCh	41, 4.748, 316.425
Yxy	11.8531, 0.3104, 0.3133
Android (android.graphics.Color)	4284768102 (0xFF645F66)
YUV	97.2930, 2.3206, 2.3740
Hunter-Lab	34.4283, 0.6497, -0.4219

Details

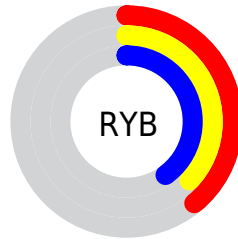
The XYZ color **11.7460, 11.8531, 14.2392** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7473, 12.8708, 12.6923**, and the grayscale version is **11.4290, 12.0242, 13.0944**.

A 20% lighter version of the original color is **28.6377, 29.1300, 34.2503**, and **3.2561, 3.2293, 4.0661** is the 20% darker color. If you saturate the color by 10%, you get **10.5701, 9.9713, 13.9381**, and if you desaturate by 10%, it is **13.0545, 13.9825, 14.5814**.

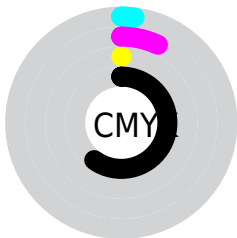
Distribution



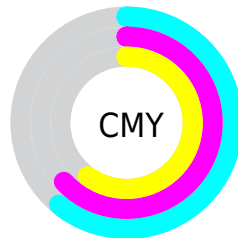
- Red (39%)
- Green (37%)
- Blue (40%)



- Red (39%)
- Yellow (37%)
- Blue (40%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7460, 11.8531, 14.2392 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 11.7460, 11.8531, 14.2392 by changing the saturation by 10% instead.

■ 11.7460, 11.8531,
14.2392

■ 11.7460, 11.8531,
14.2392

196.5209,
203.4303, 230.1938

■ 6.6419, 6.6437,
8.1466

■ 28.6525, 29.2273,
34.2361

■ 3.2835, 3.2403,
4.0998

■ 41.1857, 42.1609,
48.9774

■ 1.3054, 1.2584,
1.6802

■ 56.9260, 58.4380,
67.4387

■ 0.1873, 0.1087,
0.3471

■ 76.2387, 78.4430,
90.0385

■ 0.0000, 0.0000,
0.0000

99.4891, 102.5604,
117.1954

127.0428,

131.1745, 149.3279

159.2649,
164.6697, 186.8545

■ 11.7460, 11.8531,
14.2392

■ 11.7460, 11.8531,
14.2392

■ 10.5701, 9.9713,
13.9381

■ 13.0545, 13.9825,
14.5814

■ 9.5209, 8.3263,
13.6759

■ 14.4991, 16.3668,
14.9655

■ 8.5938, 6.9087,
13.4511

■ 16.0843, 19.0150,
15.3931

■ 7.7833, 5.7077,
13.2621

■ 17.8142, 21.9350,
15.8656

■ 7.0837, 4.7119,
13.1067

■ 19.6929, 25.1346,
16.3841

■ 6.4884, 3.9086,
12.9830

■ 21.7239, 28.6210,
16.9500

■ 5.9904, 3.2839,
12.8887

■ 23.9110, 32.4013,
17.5644

■ 5.5816, 2.8217,
12.8210

■ 26.2577, 36.4824,
18.2285

■ 5.2384, 2.4750,
12.7722

■ 28.7672, 40.8709,
18.9433

Harmonies

Analogous

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



11.4518, 11.8531, 14.7852



11.7460, 11.8531, 14.2392



11.9131, 11.8531, 13.3502

Triad

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



11.7460, 11.8531, 14.2392



11.4201, 11.8531, 11.1713



10.6509, 11.8531, 13.4424

Complementary

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



11.7460, 11.8531, 14.2392



11.7473, 12.8708, 12.6923

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.



10.6428, 11.8531, 12.4718



11.7460, 11.8531, 14.2392



11.0823, 11.8531, 11.1932

Square

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



11.7460, 11.8531, 14.2392



11.7224, 11.8531, 11.5974



10.7993, 11.8531, 11.6587



10.8216, 11.8531, 14.3096

Rectangle

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



11.7460, 11.8531, 14.2392



11.9278, 11.8531, 12.6978



10.7993, 11.8531, 11.6587



10.6292, 11.8531, 13.1165

Sweetspot

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



11.7463, 11.8536, 14.2395



21.6728, 22.5266, 25.2515



11.4021, 11.9607, 14.2783



5.1225, 5.3300, 5.9596



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.7463, 11.8536, 14.2395



20.3043, 20.3112, 24.8960



11.9015, 11.9416, 13.8874



2.8636, 2.8517, 3.5315



6.5551, 3.0234, 16.3824



33.2972, 15.3096, 85.4015

Inverse Universe

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



11.7299, 11.8729, 12.9836



20.2716, 20.3524, 22.2703



11.6010, 12.7879, 13.0206



2.8587, 2.8581, 3.1283



7.3092, 3.7366, 1.7605



37.7859, 19.3544, 7.4159

Previews

White Background



This preview shows how the XYZ color 11.7460, 11.8531, 14.2392 looks on a white background.

Color Contrast Check

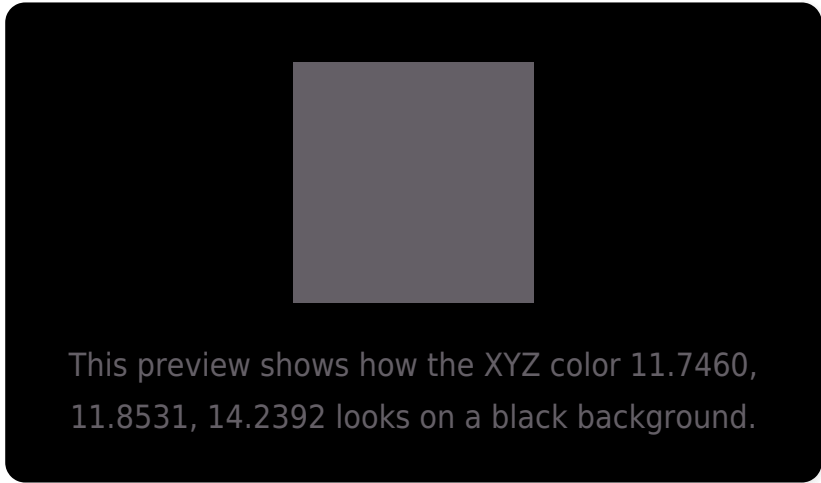
Large Text (above 18pt) WCAG AA ✓ Pass

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

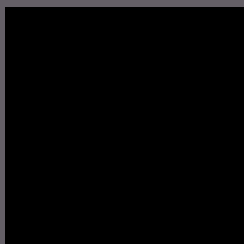
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

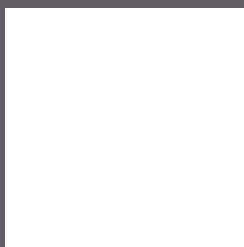
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7460, 11.8531, 14.2392

Background



This preview shows how black text looks on a background with the XYZ color 11.7460, 11.8531, 14.2392.



This preview shows how white text looks on a background with the XYZ color 11.7460, 11.8531,

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

11.7460, 11.8531, 14.2392

Protanopia

11.5608, 11.8864, 14.5169

Deuteranopia

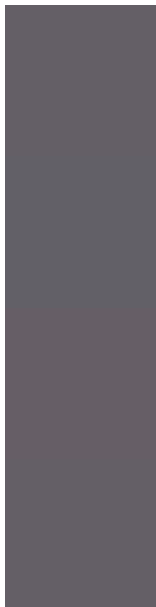
11.9945, 11.8483, 14.2251



Tritanopia

11.7460, 11.8531, 14.2392

Trichromacy



Original Color

11.7460, 11.8531, 14.2392

Protanomaly

11.6681, 11.9417, 14.5220

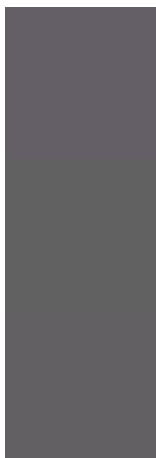
Deuteranomaly

11.8805, 11.7895, 14.2198

Tritanomaly

11.7460, 11.8531, 14.2392

Monochromacy



Original Color

11.7460, 11.8531, 14.2392

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4720, 11.8633, 13.4896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7460, 11.8531, 14.2392 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(100, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(100, 95, 102)  
}
```

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(100, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 95, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.7460, 11.8531, 14.2392 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(100, 95, 102) }
```


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

```
.border{ border-color:rgb(100, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 95, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 95, 102); box-shadow:4px 4px 4px 4px rgb(100, 95, 102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7460, 11.8531, 14.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 95, 102) }
```

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

```
.background{ background-color: rgb(100, 95,  
102) }
```

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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