

Converting Colors

XYZ(11.1610, 11.7980, 14.2870)

Have a look what the booklet for
XYZ(11.1610, 11.7980, 14.2870)
contains.

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Color

**XYZ(11.1872, 11.8359,
14.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6166
RGB	93, 97, 102
RGB Percent	36%, 38%, 40%
CMY	0.6353, 0.6196, 0.6000
CMYK	0.09, 0.05, 0.00, 0.60
HSL	213°, 5%, 38%
HSV	213°, 9%, 40%
XYZ	11.1872, 11.8359, 14.2653
YIQ	96.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

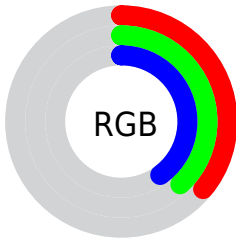
Format	Color
R _Y B	93, 96, 102
Decimal	6119782
CIE Lab	40.95, -0.46, -3.38
CIE LCh	41, 3.413, 262.334
Yxy	11.8359, 0.3000, 0.3174
Android (android.graphics.Color)	4284309862 (0xFF5D6166)
YUV	96.3740, 2.7736, -2.9590
Hunter-Lab	34.4033, -2.1616, -0.5022

Details

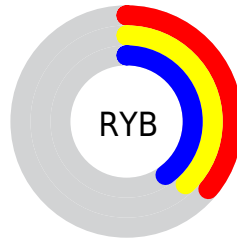
The XYZ color **11.1872, 11.8359, 14.2653** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8230, 12.3504, 12.1169**, and the grayscale version is **11.2036, 11.7871, 12.8361**.

A 20% lighter version of the original color is **27.6674, 29.3194, 34.3380**, and **3.0457, 3.2478, 4.0808** is the 20% darker color. If you saturate the color by 10%, you get **9.7181, 10.3293, 14.0521**, and if you desaturate by 10%, it is **12.8321, 13.4892, 14.4979**.

Distribution



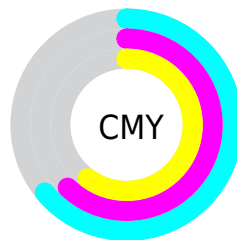
- Red (36%)
- Green (38%)
- Blue (40%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1872, 11.8359, 14.2653 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 11.1872, 11.8359, 14.2653 by changing the saturation by 10% instead.

■ 11.1872, 11.8359,
14.2653

■ 11.1872, 11.8359,
14.2653

192.8293,
203.3159, 230.3606

■ 6.2611, 6.6320,
8.1646

■ 27.6357, 29.1959,
34.2829

■ 3.0467, 3.2331,
4.1111

■ 39.8888, 42.1208,
49.0369

■ 1.1785, 1.2546,
1.6865

■ 55.3150, 58.3882,
67.5123

■ 0.0893, 0.1056,
0.3515

■ 74.2796, 78.3824,
90.1277

■ 0.0000, 0.0000,
0.0000

97.1480, 102.4879,
117.3018

124.2855,

131.0890, 149.4529

156.0575,
164.5702, 186.9997

■ 11.1872, 11.8359,
14.2653

■ 11.1872, 11.8359,
14.2653

■ 9.7181, 10.3293,
14.0521

■ 12.8321, 13.4892,
14.4979

■ 8.4176, 8.9637,
13.8571

■ 14.6577, 15.2920,
14.7497

■ 7.2794, 7.7350,
13.6799

■ 16.6699, 17.2487,
15.0213

■ 6.2966, 6.6383,
13.5200

■ 18.8740, 19.3630,
15.3132

■ 5.4616, 5.6684,
13.3768

■ 21.2751, 21.6387,
15.6259

■ 4.7661, 4.8198,
13.2497

■ 23.8782, 24.0793,
15.9598

■ 4.2009, 4.0863,
13.1379

■ 26.6880, 26.6882,
16.3153

■ 3.7556, 3.4612,
13.0407

■ 29.7090, 29.4688,
16.6928

■ 3.3911, 2.9226,
12.9559

■ 32.9457, 32.4242,
17.0926

Harmonies

Analogous

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



10.9654, 11.8359, 13.9804



11.1872, 11.8359, 14.2653



11.4289, 11.8359, 14.1705

Triad

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



11.1872, 11.8359, 14.2653



11.6892, 11.8359, 12.3834



10.8824, 11.8359, 12.0836

Complementary

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



11.1872, 11.8359, 14.2653



11.8230, 12.3504, 12.1169

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.



11.0723, 11.8359, 11.6840



11.1872, 11.8359, 14.2653



11.5388, 11.8359, 11.8527

Square

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



11.1872, 11.8359, 14.2653



11.7211, 11.8359, 13.0674



11.3124, 11.8359, 11.6010



10.7911, 11.8359, 12.7089

Rectangle

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



11.1872, 11.8359, 14.2653



11.5686, 11.8359, 13.9063



11.3124, 11.8359, 11.6010



10.9367, 11.8359, 11.9193

Sweetspot

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



11.1875, 11.8364, 14.2656



21.2367, 22.3894, 25.2480



11.4680, 12.7110, 13.3921



4.9642, 5.2359, 5.9497



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.



11.1875, 11.8364, 14.2656



18.9496, 20.0758, 24.9219



10.8727, 11.1390, 14.1475



2.7836, 2.9452, 3.5537



4.2649, 3.6016, 16.6147



21.3970, 17.0906, 86.3725

Inverse Universe

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



11.5518, 11.5168, 12.9240



19.7597, 19.3821, 21.9345



12.1560, 13.0918, 12.2424



2.8753, 2.8648, 3.2159



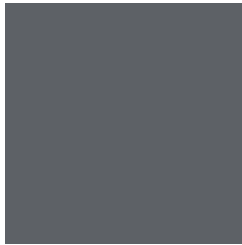
7.6354, 3.8671, 3.4785



39.3954, 19.9981, 15.8911

Previews

White Background



This preview shows how the XYZ color 11.1872, 11.8359, 14.2653 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



This preview shows how the XYZ color 11.1872, 11.8359, 14.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

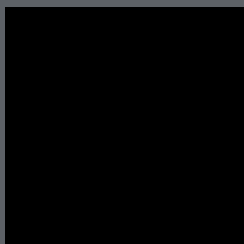
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

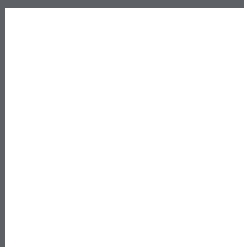
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1872, 11.8359, 14.2653

Background



This preview shows how black text looks on a background with the XYZ color 11.1872, 11.8359, 14.2653.



This preview shows how white text looks on a background with the XYZ color 11.1872, 11.8359,

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

11.1872, 11.8359, 14.2653

Protanopia

11.4616, 11.8467, 13.9945

Deuteranopia

12.0444, 11.8682, 14.4880



Tritanopia

11.2876, 11.8760, 14.7941

Trichromacy

**Original Color**

11.1872, 11.8359, 14.2653

Protanomaly

11.3557, 11.7921, 13.9895

Deuteranomaly

11.6860, 11.8163, 14.4968

Tritanomaly

11.2371, 11.8558, 14.5281

Monochromacy

**Original Color**

11.1872, 11.8359, 14.2653

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1068, 11.6805, 13.2244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1872, 11.8359, 14.2653 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(93, 97, 102) looks like.

```
.text, #text, p{  
    color:rgb(93, 97, 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(93, 97, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 97, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.1872, 11.8359, 14.2653 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(93, 97, 102) }
```


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

```
.border{ border-color:rgb(93, 97, 102) }
```

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

Here you see how a box with a 4 pixel rgb(93, 97, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 97, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 97, 102);  
box-shadow:4px 4px 4px 4px rgb(93, 97,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1872, 11.8359, 14.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 97, 102) }
```

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

```
.background{ background-color: rgb(93, 97,  
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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