

Converting Colors

XYZ(11.8007, 11.8645, 14.2424)

Have a look what the booklet for
XYZ(11.8007, 11.8645, 14.2424)
contains.

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Color

**XYZ(11.8573, 11.9104,
14.2444)**

Conversions

Conversions Part 1

Format	Color
Hex	655F66
RGB	101, 95, 102
RGB Percent	40%, 37%, 40%
CMY	0.6039, 0.6274, 0.6000
CMYK	0.01, 0.07, 0.00, 0.60
HSL	291°, 4%, 39%
HSV	291°, 7%, 40%
XYZ	11.8573, 11.9104, 14.2444
YIQ	97.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

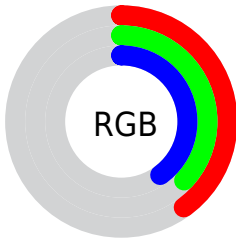
Format	Color
R_{YB}	101, 95, 102
Decimal	6643558
CIE _{Lab}	41.07, 3.83, -3.13
CIE _{LCh}	41, 4.943, 320.761
Yxy	11.9104, 0.3119, 0.3133
Android (android.graphics.Color)	4284833638 (0xFF655F66)
YUV	97.5920, 2.1731, 2.9888
Hunter-Lab	34.5114, 0.9333, -0.3136

Details

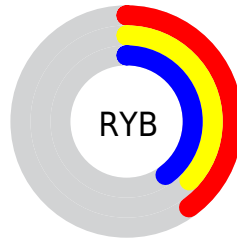
The XYZ color **11.8573, 11.9104, 14.2444** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6413, 12.8161, 12.6872**, and the grayscale version is **11.5031, 12.1021, 13.1792**.

A 20% lighter version of the original color is **28.8241, 29.2261, 34.2590**, and **3.3092, 3.2567, 4.0686** is the 20% darker color. If you saturate the color by 10%, you get **10.8364, 10.1086, 13.9506**, and if you desaturate by 10%, it is **13.0021, 13.9554, 14.5790**.

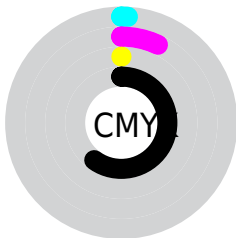
Distribution



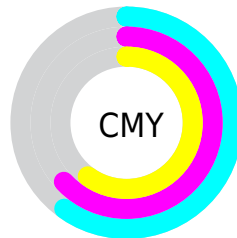
- Red (40%)
- Green (37%)
- Blue (40%)



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



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8573, 11.9104, 14.2444 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 11.8573, 11.9104, 14.2444 by changing the saturation by 10% instead.

■ 11.8573, 11.9104,
14.2444

■ 11.8573, 11.9104,
14.2444

197.2475,
203.8112, 230.2271

■ 6.7181, 6.6827,
8.1502

■ 28.8541, 29.3318,
34.2454

■ 3.3312, 3.2645,
4.1020

■ 41.4423, 42.2943,
48.9892

■ 1.3312, 1.2713,
1.6815

■ 57.2443, 58.6039,
67.4534

■ 0.2064, 0.1188,
0.3480

■ 76.6254, 78.6449,
90.0563

■ 0.0000, 0.0000,
0.0000

99.9509, 102.8017,
117.2166

127.5862,

131.4588, 149.3528

159.8966,
165.0005, 186.8834

■ 11.8573, 11.9104,
14.2444

■ 11.8573, 11.9104,
14.2444

■ 10.8364, 10.1086,
13.9506

■ 13.0021, 13.9554,
14.5790

■ 9.9337, 8.5391,
13.6952

■ 14.2742, 16.2508,
14.9550

■ 9.1447, 7.1926,
13.4769

■ 15.6781, 18.8055,
15.3741

■ 8.4639, 6.0585,
13.2939

■ 17.2178, 21.6275,
15.8376

■ 7.8857, 5.1253,
13.1443

■ 18.8972, 24.7242,
16.3469

7.4038, 4.3805,
13.0259

20.7198, 28.1032,
16.9030

7.0112, 3.8101,
12.9365

22.6892, 31.7713,
17.5072

6.6999, 3.3982,
12.8734

24.8088, 35.7353,
18.1606

6.4464, 3.0978,
12.8288

27.0819, 40.0019,
18.8644

Harmonies

Analogous

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



11.5641, 11.9104, 14.8831



11.8573, 11.9104, 14.2444



12.0075, 11.9104, 13.2847

Triad

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



11.8573, 11.9104, 14.2444



11.4304, 11.9104, 11.1334



10.6943, 11.9104, 13.6736

Complementary

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



11.8573, 11.9104, 14.2444



11.6413, 12.8161, 12.6872

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.



10.6602, 11.9104, 12.6571



11.8573, 11.9104, 14.2444



11.0803, 11.9104, 11.2254

Square

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



11.8573, 11.9104, 14.2444



11.7577, 11.9104, 11.5128



10.8001, 11.9104, 11.7710



10.8943, 11.9104, 14.5418

Rectangle

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



11.8573, 11.9104, 14.2444



12.0042, 11.9104, 12.6069



10.8001, 11.9104, 11.7710



10.6632, 11.9104, 13.3367

Sweetspot

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



11.8576, 11.9109, 14.2447



21.7321, 22.5572, 25.2543



11.3055, 11.7676, 14.2461



5.1353, 5.3366, 5.9602



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.



11.8576, 11.9109, 14.2447



20.5377, 20.4315, 24.9069



11.8506, 11.9211, 13.6195



2.8994, 2.8702, 3.5332



8.1552, 3.8483, 16.4573



41.9734, 19.7823, 85.8075

Inverse Universe

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



11.6834, 11.8542, 12.7392



20.1754, 20.3140, 21.7637



11.6498, 12.8074, 13.2781



2.8440, 2.8522, 3.0509



7.1339, 3.6665, 0.8377



37.0016, 19.0406, 3.2856

Previews

White Background



This preview shows how the XYZ color 11.8573, 11.9104, 14.2444 looks on a white background.

Color Contrast Check

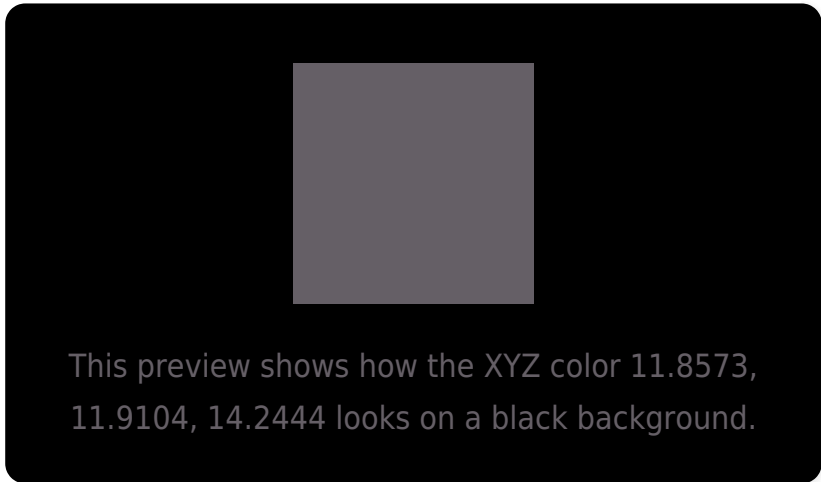
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8573, 11.9104, 14.2444

Background



This preview shows how black text looks on a background with the XYZ color 11.8573, 11.9104, 14.2444.



This preview shows how white text looks on a background with the XYZ color 11.8573, 11.9104,

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

11.8573, 11.9104, 14.2444

Protanopia

11.5608, 11.8864, 14.5169

Deuteranopia

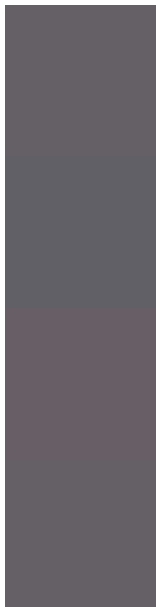
12.1099, 11.9078, 14.2305



Tritanopia

11.8573, 11.9104, 14.2444

Trichromacy



Original Color

11.8573, 11.9104, 14.2444

Protanomaly

11.6681, 11.9417, 14.5220

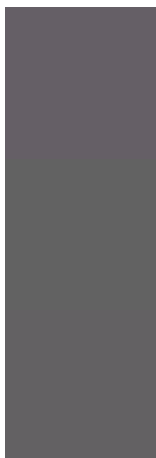
Deuteranomaly

11.9945, 11.8483, 14.2251

Tritanomaly

11.8573, 11.9104, 14.2444

Monochromacy



Original Color

11.8573, 11.9104, 14.2444

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.6724, 12.1029, 13.5253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8573, 11.9104, 14.2444 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(101, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(101, 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(101, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 95, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.8573, 11.9104, 14.2444 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(101, 95, 102) }
```


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

```
.border{ border-color:rgb(101, 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(101, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(101, 95,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8573, 11.9104, 14.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 95, 102) }
```

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

```
.background{ background-color: rgb(101, 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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