

Converting Colors

XYZ(10.7935, 11.5196, 14.9685)

Have a look what the booklet for
XYZ(10.7935, 11.5196, 14.9685)
contains.

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Color

**XYZ(10.7572, 11.4604,
15.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	586069
RGB	88, 96, 105
RGB Percent	35%, 38%, 41%
CMY	0.6549, 0.6235, 0.5882
CMYK	0.16, 0.09, 0.00, 0.59
HSL	212°, 9%, 38%
HSV	212°, 16%, 41%
XYZ	10.7572, 11.4604, 15.0097
YIQ	94.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

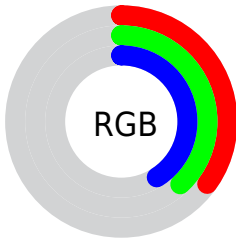
Format	Color
R_{YB}	88, 93, 105
Decimal	5791849
CIE _{Lab}	40.35, -1.01, -6.17
CIE _{LCh}	40, 6.251, 260.686
Yxy	11.4604, 0.2890, 0.3078
Android (android.graphics.Color)	4283981929 (0xFF586069)
YUV	94.6340, 5.1104, -5.8180
Hunter-Lab	33.8532, -2.5229, -2.5905

Details

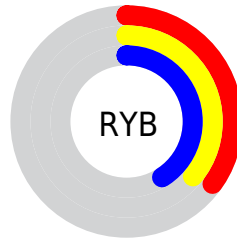
The XYZ color **10.7572, 11.4604, 15.0097** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8619, 12.2572, 10.9735**, and the grayscale version is **10.7796, 11.3410, 12.3503**.

A 20% lighter version of the original color is **26.7609, 28.3613, 35.5163**, and **2.8592, 3.0789, 4.4466** is the 20% darker color. If you saturate the color by 10%, you get **9.3448, 10.0062, 14.8036**, and if you desaturate by 10%, it is **12.3494, 13.0611, 15.2349**.

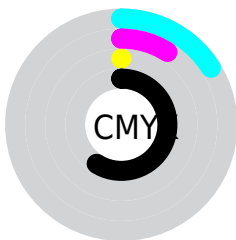
Distribution



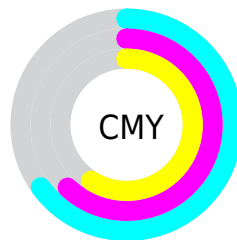
- Red (35%)
- Green (38%)
- Blue (41%)



- Red (35%)
- Yellow (36%)
- Blue (41%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7572, 11.4604, 15.0097 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 10.7572, 11.4604, 15.0097 by changing the saturation by 10% instead.

■ 10.7572, 11.4604,
15.0097

■ 10.7572, 11.4604,
15.0097

189.9370,
200.7995, 235.0677

■ 5.9699, 6.3774,
8.6795

■ 26.8473, 28.5084,
35.6127

■ 2.8673, 3.0759,
4.4388

■ 38.8807, 41.2423,
50.7227

■ 1.0840, 1.1715,
1.8690

■ 54.0603, 57.2952,
69.5962

■ 0.0116, 0.0382,
0.4729

■ 72.7513, 77.0515,
92.6520

■ 0.0000, 0.0000,
0.0000

■ 95.3191, 100.8958,
120.3085

122.1291,

129.2122, 152.9842

153.5466,
162.3853, 191.0978

■ 10.7572, 11.4604,
15.0097

■ 10.7572, 11.4604,
15.0097

■ 9.3448, 10.0062,
14.8036

■ 12.3494, 13.0611,
15.2349

■ 8.1042, 8.6924,
14.6154

■ 14.1267, 14.8113,
15.4791

■ 7.0286, 7.5147,
14.4448

■ 16.0957, 16.7156,
15.7429

■ 6.1101, 6.4678,
14.2911

■ 18.2620, 18.7780,
16.0268

■ 5.3401, 5.5461,
14.1538

■ 20.6314, 21.0023,
16.3312

■ 4.7092, 4.7435,
14.0322

■ 23.2091, 23.3924,
16.6567

■ 4.2067, 4.0532,
13.9254

■ 26.0003, 25.9516,
17.0036

■ 3.8074, 3.4607,
13.8321

■ 29.0098, 28.6835,
17.3723

■ 3.6658, 3.2519,
13.7992

■ 32.2426, 31.5915,
17.7632

Harmonies

Analogous

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



10.3685, 11.4604, 14.4365



10.7572, 11.4604, 15.0097



11.1926, 11.4604, 14.8704

Triad

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



10.7572, 11.4604, 15.0097



11.6988, 11.4604, 11.6467



10.2549, 11.4604, 11.0136

Complementary

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



10.7572, 11.4604, 15.0097



11.8619, 12.2572, 10.9735

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.



10.5983, 11.4604, 10.3578



10.7572, 11.4604, 15.0097



11.4344, 11.4604, 10.7060

Square

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



10.7572, 11.4604, 15.0097



11.7441, 11.4604, 12.8724



11.0295, 11.4604, 10.2490



10.0836, 11.4604, 12.0926

Rectangle

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



10.7572, 11.4604, 15.0097



11.4504, 11.4604, 14.3957



11.0295, 11.4604, 10.2490



10.3536, 11.4604, 10.7395

Sweetspot

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



10.7575, 11.4609, 15.0100



22.4300, 23.7024, 27.3239



11.2239, 13.0371, 13.1814



5.2181, 5.5165, 6.3956



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.7575, 11.4609, 15.0100



18.3781, 19.6188, 26.7492



10.0912, 10.0882, 14.7801



3.0549, 3.2381, 3.8989



4.6047, 4.0438, 17.4601



22.6068, 18.8921, 88.6812

Inverse Universe

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



11.4270, 10.8275, 12.5546



19.8036, 18.3156, 21.5110



12.6057, 13.7940, 11.2309



3.1535, 3.1383, 3.5387



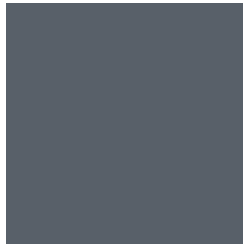
8.0711, 4.0806, 4.0031



40.6937, 20.6194, 18.1214

Previews

White Background



This preview shows how the XYZ color 10.7572, 11.4604, 15.0097 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 10.7572, 11.4604, 15.0097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

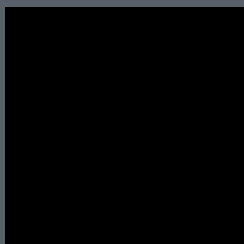
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

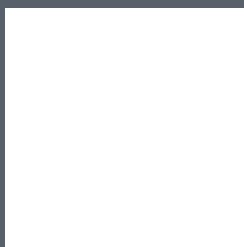
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7572, 11.4604, 15.0097

Background



This preview shows how black text looks on a background with the XYZ color 10.7572, 11.4604, 15.0097.



This preview shows how white text looks on a background with the XYZ color 10.7572, 11.4604,

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

10.7572, 11.4604, 15.0097

Protanopia

11.1175, 11.3846, 14.7082

Deuteranopia

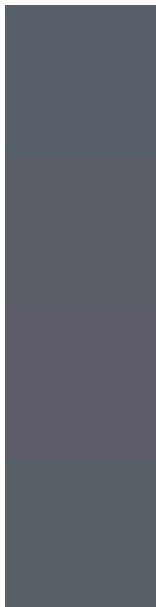
11.5743, 11.3475, 15.2159



Tritanopia

10.7061, 11.4399, 14.7406

Trichromacy



Original Color

10.7572, 11.4604, 15.0097

Protanomaly

11.0045, 11.4592, 14.7285

Deuteranomaly

11.2352, 11.3022, 15.2251

Tritanomaly

10.7061, 11.4399, 14.7406

Monochromacy



Original Color

10.7572, 11.4604, 15.0097

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.7580, 11.3606, 13.4302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7572, 11.4604, 15.0097 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(88, 96, 105) looks like.

```
.text, #text, p{  
    color:rgb(88, 96, 105)  
}
```

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(88, 96, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 96, 105) }
```

Border

The CSS property to change the border of an element to XYZ 10.7572, 11.4604, 15.0097 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(88, 96, 105) }
```


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

```
.border{ border-color:rgb(88, 96, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 96, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 96, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 96, 105);  
box-shadow:4px 4px 4px 4px rgb(88, 96,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7572, 11.4604, 15.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 96, 105) }
```

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

```
.background{ background-color: rgb(88, 96,  
105) }
```

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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