

Converting Colors

XYZ(11.0254, 11.9207, 12.7610)

Have a look what the booklet for
XYZ(11.0254, 11.9207, 12.7610)
contains.

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Color

**XYZ(10.9932, 11.9070,
12.7852)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6260
RGB	93, 98, 96
RGB Percent	36%, 38%, 38%
CMY	0.6353, 0.6157, 0.6235
CMYK	0.05, 0.00, 0.02, 0.62
HSL	156°, 3%, 37%
HSV	156°, 5%, 38%
XYZ	10.9932, 11.9070, 12.7852
YIQ	96.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

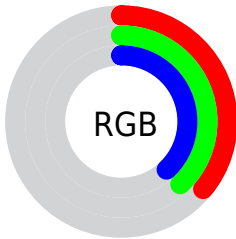
Format	Color
R_{YB}	93, 96, 98
Decimal	6120032
CIE Lab	41.07, -2.37, 0.46
CIE LCh	41, 2.414, 169.107
Yxy	11.9070, 0.3081, 0.3337
Android (android.graphics.Color)	4284310112 (0xFF5D6260)
YUV	96.2770, -0.1366, -2.8739
Hunter-Lab	34.5065, -3.5193, 2.1867

Details

The XYZ color **10.9932, 11.9070, 12.7852** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0173, 11.2519, 12.4182**, and the grayscale version is **11.1865, 11.7691, 12.8165**.

A 20% lighter version of the original color is **27.2634, 29.4099, 31.4339**, and **2.9760, 3.2906, 3.4959** is the 20% darker color. If you saturate the color by 10%, you get **9.8881, 11.3580, 11.8144**, and if you desaturate by 10%, it is **12.2351, 12.5262, 13.8099**.

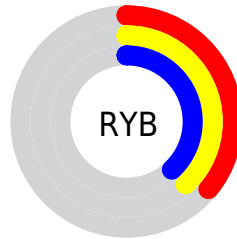
Distribution



Red (36%)

Green (38%)

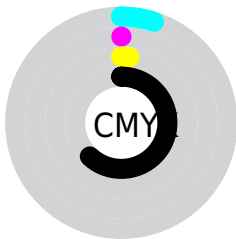
Blue (38%)



Red (36%)

Yellow (38%)

Blue (38%)

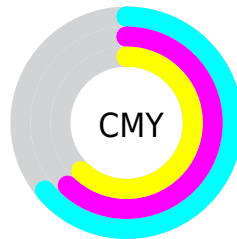


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9932, 11.9070, 12.7852 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 10.9932, 11.9070, 12.7852 by changing the saturation by 10% instead.

■ 10.9932, 11.9070,
12.7852

■ 10.9932, 11.9070,
12.7852

191.5301,
203.7886, 220.6957

■ 6.1295, 6.6804,
7.1518

■ 27.2807, 29.3256,
31.6029

■ 2.9654, 3.2630,
3.4773

■ 39.4351, 42.2864,
45.6242

■ 1.1355, 1.2705,
1.3432

■ 54.7506, 58.5940,
63.2786

■ 0.0545, 0.1182,
0.0968

■ 73.5924, 78.6329,
84.9847

■ 0.0000, 0.0000,
0.0000

96.3259, 102.7874,
111.1608

123.3165,

131.4419, 142.2257

154.9294,
164.9809, 178.5978

■ 10.9932, 11.9070,
12.7852

■ 10.9932, 11.9070,
12.7852

■ 9.8881, 11.3580,
11.8144

■ 12.2351, 12.5262,
13.8099

■ 8.9139, 10.8751,
10.8959

■ 13.6176, 13.2164,
14.8887

■ 8.0658, 10.4562,
10.0290

■ 15.1453, 13.9805,
16.0226

■ 7.3381, 10.0983,
9.2126

■ 16.8225, 14.8205,
17.2125

■ 6.7247, 9.7985,
8.4458

■ 18.6533, 15.7386,
18.4592

■ 6.2192, 9.5533,
7.7276

■ 20.6416, 16.7368,
19.7635

■ 5.8143, 9.3589,
7.0568

■ 22.7912, 17.8170,
21.1262

■ 5.5017, 9.2113,
6.4323

■ 25.1057, 18.9811,
22.5480

■ 5.2623, 9.1005,
5.8523

■ 27.5885, 20.2309,
24.0297

Harmonies

Analogous

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



11.0672, 11.9070, 12.3500



10.9932, 11.9070, 12.7852



11.0053, 11.9070, 13.2796

Triad

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



10.9932, 11.9070, 12.7852



11.4267, 11.9070, 13.8874



11.5368, 11.9070, 12.2567

Complementary

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



10.9932, 11.9070, 12.7852



11.0173, 11.2519, 12.4182

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.



11.6350, 11.9070, 12.6549



10.9932, 11.9070, 12.7852



11.5710, 11.9070, 13.5995

Square

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



10.9932, 11.9070, 12.7852



11.2544, 11.9070, 13.9245



11.6476, 11.9070, 13.1459



11.3803, 11.9070, 12.0500

Rectangle

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



10.9932, 11.9070, 12.7852



11.0607, 11.9070, 13.5760



11.6476, 11.9070, 13.1459



11.5778, 11.9070, 12.3721

Sweetspot

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



10.9935, 11.9075, 12.7855



19.9012, 21.1832, 22.9411



11.0718, 11.9635, 12.0818



4.7398, 5.0398, 5.4608



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.



10.9935, 11.9075, 12.7855



19.0449, 20.7569, 22.2172



11.0480, 11.8671, 13.2641



2.6752, 2.9161, 3.1210



6.8384, 12.0414, 7.3211



36.0887, 64.1504, 36.7755

Inverse Universe

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



11.0173, 11.2519, 12.4182



19.0951, 19.3752, 21.4432



10.9642, 11.2894, 11.9574



2.6823, 2.7212, 3.0118



7.1793, 3.6466, 2.7981



37.9413, 19.3160, 12.7770

Previews

White Background



This preview shows how the XYZ color 10.9932, 11.9070, 12.7852 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 10.9932, 11.9070, 12.7852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

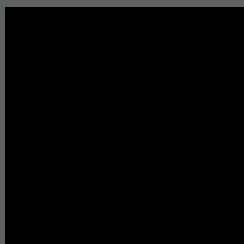
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

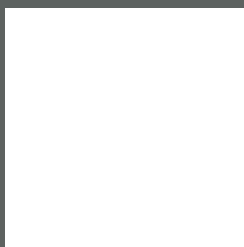
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9932, 11.9070, 12.7852

Background



This preview shows how black text looks on a background with the XYZ color 10.9932, 11.9070, 12.7852.

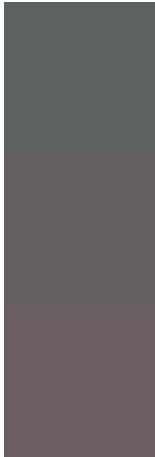


This preview shows how white text looks on a background with the XYZ color 10.9932, 11.9070,

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

10.9932, 11.9070, 12.7852

Protanopia

11.3940, 11.8446, 12.5122

Deuteranopia

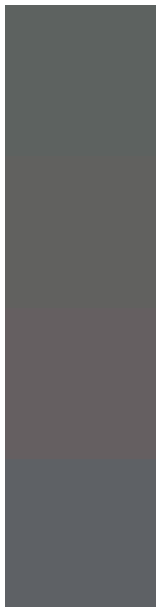
12.1042, 11.9326, 12.9745



Tritanopia

11.3895, 11.9285, 14.7989

Trichromacy



Original Color

10.9932, 11.9070, 12.7852

Protanomaly

11.2700, 11.9170, 12.5327

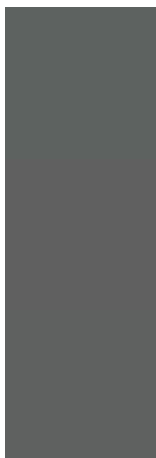
Deuteranomaly

11.6167, 11.8142, 12.9774

Tritanomaly

11.2398, 11.8687, 14.0104

Monochromacy



Original Color

10.9932, 11.9070, 12.7852

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1053, 11.8268, 12.7638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9932, 11.9070, 12.7852 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, 98, 96) looks like.

```
.text, #text, p{  
    color:rgb(93, 98, 96)  
}
```

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, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 98, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.9932, 11.9070, 12.7852 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, 98, 96) }
```


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

```
.border{ border-color:rgb(93, 98, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 98, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(93, 98, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9932, 11.9070, 12.7852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 98, 96) }
```

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

```
.background{ background-color: rgb(93, 98,  
96) }
```

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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