

Converting Colors

XYZ(11.0763, 12.0910, 14.9016)

Have a look what the booklet for
XYZ(11.0763, 12.0910, 14.9016)
contains.

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Color

**XYZ(11.0804, 12.0470,
14.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	596368
RGB	89, 99, 104
RGB Percent	35%, 39%, 41%
CMY	0.6510, 0.6118, 0.5922
CMYK	0.14, 0.05, 0.00, 0.59
HSL	200°, 8%, 38%
HSV	200°, 14%, 41%
XYZ	11.0804, 12.0470, 14.8380
YIQ	96.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

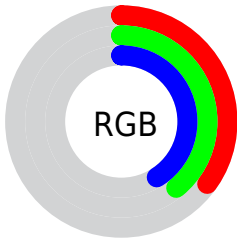
Format	Color
R_{YB}	89, 95, 104
Decimal	5858152
CIE _{Lab}	41.29, -2.69, -4.14
CIE _{LCh}	41, 4.939, 237.023
Yxy	12.0470, 0.2919, 0.3173
Android (android.graphics.Color)	4284048232 (0xFF596368)
YUV	96.5800, 3.6581, -6.6477
Hunter-Lab	34.7088, -3.7562, -1.0503

Details

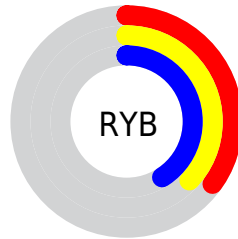
The XYZ color **11.0804, 12.0470, 14.8380** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5150, 11.6699, 11.0972**, and the grayscale version is **11.2524, 11.8384, 12.8920**.

A 20% lighter version of the original color is **27.4702, 29.6682, 35.2890**, and **3.0079, 3.3552, 4.3600** is the 20% darker color. If you saturate the color by 10%, you get **9.8308, 10.9261, 14.6877**, and if you desaturate by 10%, it is **12.4858, 13.2698, 15.0001**.

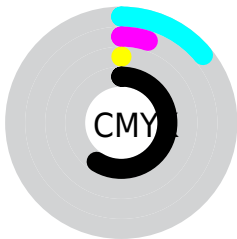
Distribution



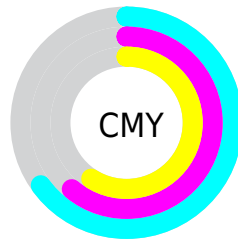
- Red (35%)
- Green (39%)
- Blue (41%)



- Red (35%)
- Yellow (37%)
- Blue (41%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0804, 12.0470, 14.8380 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 11.0804, 12.0470, 14.8380 by changing the saturation by 10% instead.

■ 11.0804, 12.0470,
14.8380

■ 11.0804, 12.0470,
14.8380

192.1152,
204.7162, 233.9905

■ 6.1886, 6.7757,
8.5604

■ 27.4404, 29.5807,
35.3070

■ 3.0019, 3.3222,
4.3627

■ 39.6393, 42.6118,
50.3355

■ 1.1547, 1.3022,
1.8264

■ 55.0046, 58.9984,
69.1181

■ 0.0702, 0.1429,
0.4453

■ 73.9018, 79.1248,
92.0732

■ 0.0000, 0.0000,
0.0000

■ 96.6960, 103.3754,
119.6195

123.7528,

132.1345, 152.1754

155.4374,
165.7867, 190.1596

■ 11.0804, 12.0470,
14.8380

■ 11.0804, 12.0470,
14.8380

■ 9.8308, 10.9261,
14.6877

■ 12.4858, 13.2698,
15.0001

■ 8.7299, 9.9022,
14.5481

■ 14.0517, 14.5963,
15.1736

■ 7.7717, 8.9722,
14.4191

■ 15.7839, 16.0298,
15.3591

■ 6.9490, 8.1322,
14.3003

■ 17.6874, 17.5734,
15.5567

■ 6.2544, 7.3781,
14.1914

■ 19.7673, 19.2298,
15.7668

■ 5.6793, 6.7053,
14.0918

■ 22.0282, 21.0017,
15.9896

■ 5.2144, 6.1085,
14.0011

■ 24.4746, 22.8916,
16.2255

■ 4.8421, 5.5784,
13.9184

■ 27.1109, 24.9020,
16.4746

■ 4.6479, 5.2978,
13.8745

■ 29.9414, 27.0354,
16.7372

Harmonies

Analogous

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



10.8491, 12.0470, 14.0316



11.0804, 12.0470, 14.8380



11.4147, 12.0470, 15.1819

Triad

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



11.0804, 12.0470, 14.8380



12.1502, 12.0470, 13.2196



11.1410, 12.0470, 11.4412

Complementary

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



11.0804, 12.0470, 14.8380



11.5150, 11.6699, 11.0972

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.



11.4860, 12.0470, 11.2486



11.0804, 12.0470, 14.8380



12.0733, 12.0470, 12.2433

Square

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



11.0804, 12.0470, 14.8380



12.0364, 12.0470, 14.2176



11.8284, 12.0470, 11.5347



10.8836, 12.0470, 12.0750

Rectangle

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



11.0804, 12.0470, 14.8380



11.6526, 12.0470, 15.0900



11.8284, 12.0470, 11.5347



11.2504, 12.0470, 11.3242

Sweetspot

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



11.0808, 12.0475, 14.8383



21.9858, 23.3497, 26.3253



11.0796, 12.8284, 12.4234



5.3258, 5.6640, 6.4184



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.



11.0808, 12.0475, 14.8383



18.7413, 20.5161, 25.9493



10.4244, 10.7347, 14.6195



2.8307, 3.0394, 3.5694



5.6997, 6.4713, 17.0930



28.9001, 32.0968, 88.8735

Inverse Universe

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



11.5338, 10.9890, 13.3181



19.6923, 18.3354, 22.7488



12.1903, 13.0206, 11.3223



2.8991, 2.8743, 3.3411



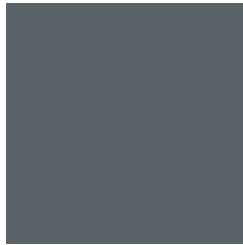
8.3596, 4.1568, 7.2922



43.1826, 21.5130, 35.8344

Previews

White Background



This preview shows how the XYZ color 11.0804, 12.0470, 14.8380 looks on a white background.

Color Contrast Check

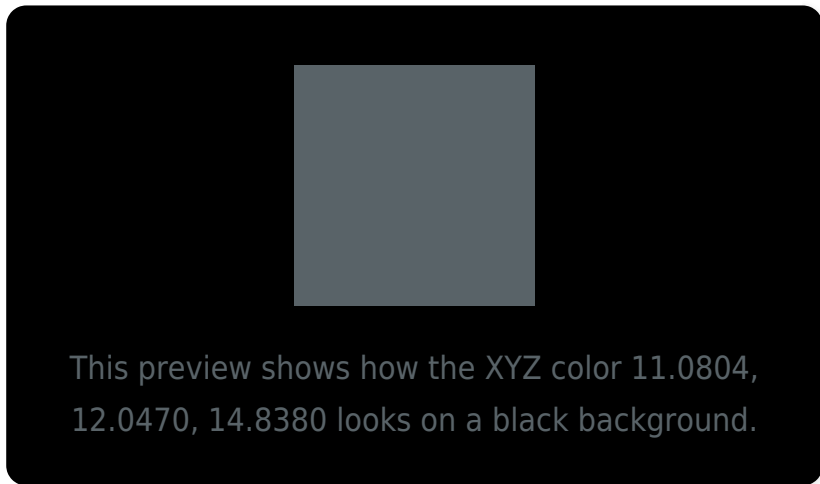
Large Text (above 18pt) WCAG AA ✓ Pass

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

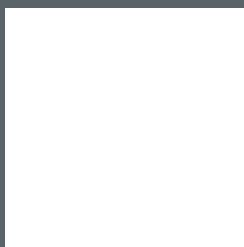
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0804, 12.0470, 14.8380

Background



This preview shows how black text looks on a background with the XYZ color 11.0804, 12.0470, 14.8380.



This preview shows how white text looks on a background with the XYZ color 11.0804, 12.0470,

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

11.0804, 12.0470, 14.8380

Protanopia

11.6526, 12.0700, 14.5476

Deuteranopia

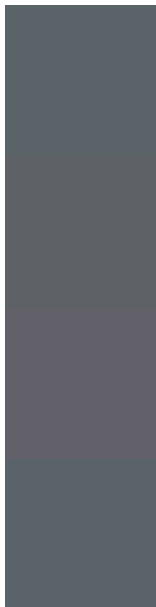
12.1460, 11.9089, 15.0231



Tritanopia

11.1832, 12.0881, 15.3795

Trichromacy



Original Color

11.0804, 12.0470, 14.8380

Protanomaly

11.4320, 12.0943, 14.5639

Deuteranomaly

11.7697, 11.9823, 15.0571

Tritanomaly

11.1315, 12.0674, 15.1072

Monochromacy



Original Color

11.0804, 12.0470, 14.8380

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2840, 12.0351, 13.7849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0804, 12.0470, 14.8380 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(89, 99, 104) looks like.

```
.text, #text, p{  
    color:rgb(89, 99, 104)  
}
```

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(89, 99, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 99, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.0804, 12.0470, 14.8380 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(89, 99, 104) }
```


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

```
.border{ border-color:rgb(89, 99, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 99, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 99, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 99, 104);  
box-shadow:4px 4px 4px 4px rgb(89, 99,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0804, 12.0470, 14.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 99, 104) }
```

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

```
.background{ background-color: rgb(89, 99,  
104) }
```

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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