

Converting Colors

XYZ(11.1140, 12.4158, 12.8503)

Have a look what the booklet for
XYZ(11.1140, 12.4158, 12.8503)
contains.

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Color

**XYZ(11.0794, 12.3760,
12.8712)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6560
RGB	91, 101, 96
RGB Percent	36%, 40%, 38%
CMY	0.6431, 0.6039, 0.6235
CMYK	0.10, 0.00, 0.05, 0.60
HSL	150°, 5%, 38%
HSV	150°, 10%, 40%
XYZ	11.0794, 12.3760, 12.8712
YIQ	97.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

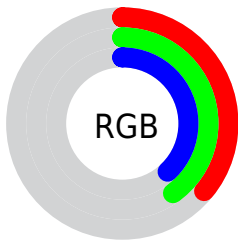
Format	Color
R_{YB}	91, 98, 101
Decimal	5989728
CIE Lab	41.81, -4.92, 1.51
CIE LCh	42, 5.151, 162.925
Yxy	12.3760, 0.3050, 0.3407
Android (android.graphics.Color)	4284179808 (0xFF5B6560)
YUV	97.4400, -0.7099, -5.6479
Hunter-Lab	35.1795, -5.3476, 2.9331

Details

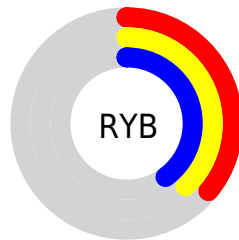
The XYZ color **11.0794, 12.3760, 12.8712** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2197, 11.0938, 12.6169**, and the grayscale version is **11.4734, 12.0709, 13.1452**.

A 20% lighter version of the original color is **27.4010, 30.1945, 31.5781**, and **2.9771, 3.4265, 3.5221** is the 20% darker color. If you saturate the color by 10%, you get **9.9249, 11.8072, 11.6421**, and if you desaturate by 10%, it is **12.3836, 13.0209, 14.1858**.

Distribution



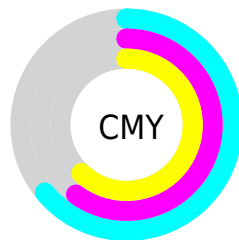
- Red (36%)
- Green (40%)
- Blue (38%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0794, 12.3760, 12.8712 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 11.0794, 12.3760, 12.8712 by changing the saturation by 10% instead.

■ 11.0794, 12.3760,
12.8712

■ 11.0794, 12.3760,
12.8712

192.1085,
206.8789, 221.2693

■ 6.1880, 7.0003,
7.2102

■ 27.4385, 30.1781,
31.7600

■ 3.0014, 3.4623,
3.5135

■ 39.6370, 43.3733,
45.8249

■ 1.1545, 1.3776,
1.3624

■ 55.0017, 59.9437,
63.5282

■ 0.0700, 0.2001,
0.1122

■ 73.8982, 80.2738,
85.2884

■ 0.0000, 0.0000,
0.0000

96.6918, 104.7480,
111.5240

123.7478,

133.7506, 142.6537

155.4316,
167.6661, 179.0960

■ 11.0794, 12.3760,
12.8712

■ 11.0794, 12.3760,
12.8712

■ 9.9249, 11.8072,
11.6421

■ 12.3836, 13.0209,
14.1858

■ 8.9135, 11.3101,
10.4960

■ 13.8417, 13.7431,
15.5868

■ 8.0395, 10.8822,
9.4315

■ 15.4591, 14.5457,
17.0761

■ 7.2965, 10.5202,
8.4466

■ 17.2407, 15.4310,
18.6553

■ 6.6777, 10.2207,
7.5394

■ 19.1909, 16.4014,
20.3258

■ 6.1755, 9.9796,
6.7080

■ 21.3142, 17.4592,
22.0891

■ 5.7813, 9.7928,
5.9503

■ 23.6149, 18.6065,
23.9468

■ 5.4855, 9.6551,
5.2639

■ 26.0969, 19.8454,
25.9001

■ 5.2426, 9.5434,
4.6451

■ 28.7644, 21.1779,
27.9506

Harmonies

Analogous

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



11.2732, 12.3760, 12.0028



11.0794, 12.3760, 12.8712



11.0663, 12.3760, 13.9481

Triad

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



11.0794, 12.3760, 12.8712



11.9269, 12.3760, 15.6158



12.3053, 12.3760, 12.1021

Complementary

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



11.0794, 12.3760, 12.8712



11.2197, 11.0938, 12.6169

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.



12.4884, 12.3760, 13.0135



11.0794, 12.3760, 12.8712



12.2668, 12.3760, 15.0637

Square

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



11.0794, 12.3760, 12.8712



11.5501, 12.3760, 15.5727



12.4742, 12.3760, 14.0981



11.9785, 12.3760, 11.5754

Rectangle

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



11.0794, 12.3760, 12.8712



11.1613, 12.3760, 14.6431



12.4742, 12.3760, 14.0981



12.3860, 12.3760, 12.3714

Sweetspot

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



11.0797, 12.3765, 12.8715



20.5182, 21.9866, 23.6186



11.3839, 12.5591, 11.7219



5.0107, 5.3912, 5.7735



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.



11.0797, 12.3765, 12.8715



18.5147, 20.9971, 21.5693



11.3093, 12.4683, 14.0803



2.8489, 3.1633, 3.3056



6.8499, 12.5036, 5.9713



35.2842, 65.0362, 28.8164

Inverse Universe

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



11.2197, 11.0938, 12.6169



18.8094, 18.2961, 21.0333



11.0038, 11.0074, 11.4802



2.8812, 2.8671, 3.2468



7.7856, 3.9272, 4.2691



40.1639, 20.3056, 19.9384

Previews

White Background



This preview shows how the XYZ color 11.0794, 12.3760, 12.8712 looks on a white background.

Color Contrast Check

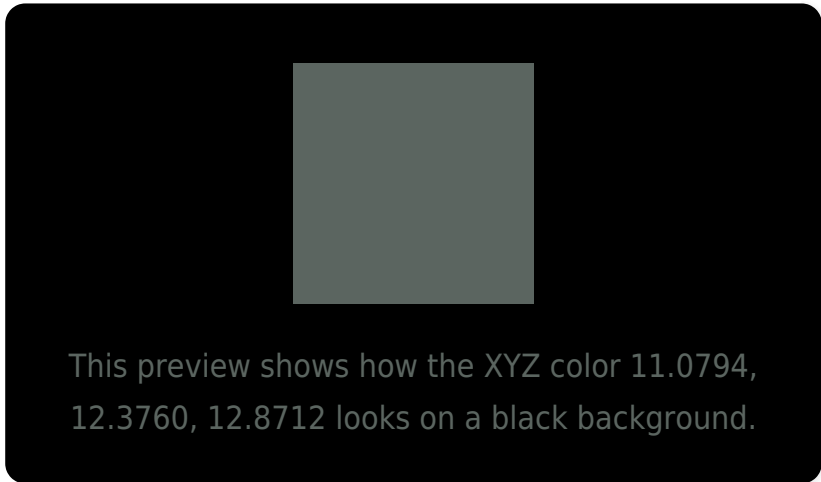
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0794, 12.3760, 12.8712

Background



This preview shows how black text looks on a background with the XYZ color 11.0794, 12.3760, 12.8712.



This preview shows how white text looks on a background with the XYZ color 11.0794, 12.3760,

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

11.0794, 12.3760, 12.8712

Protanopia

11.7549, 12.3102, 12.3462

Deuteranopia

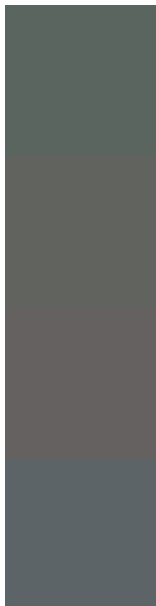
12.4342, 12.2356, 13.0156



Tritanopia

11.6299, 12.3124, 15.6735

Trichromacy



Original Color

11.0794, 12.3760, 12.8712

Protanomaly

11.4572, 12.2913, 12.5951

Deuteranomaly

11.9119, 12.2372, 13.0435

Tritanomaly

11.4190, 12.3689, 14.6176

Monochromacy



Original Color

11.0794, 12.3760, 12.8712

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2447, 12.0313, 13.0389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0794, 12.3760, 12.8712 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(91, 101, 96) looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 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(91, 101, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.0794, 12.3760, 12.8712 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(91, 101, 96) }
```


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

```
.border{ border-color:rgb(91, 101, 96) }
```

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

Here you see how a box with a 4 pixel rgb(91, 101, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 96);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0794, 12.3760, 12.8712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 96) }
```

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

```
.background{ background-color: rgb(91, 101,  
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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