

Converting Colors

XYZ(11.1858, 12.4622, 12.8115)

Have a look what the booklet for
XYZ(11.1858, 12.4622, 12.8115)
contains.

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Color

**XYZ(11.1786, 12.4272,
12.8758)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6560
RGB	92, 101, 96
RGB Percent	36%, 40%, 38%
CMY	0.6392, 0.6039, 0.6235
CMYK	0.09, 0.00, 0.05, 0.60
HSL	147°, 5%, 38%
HSV	147°, 9%, 40%
XYZ	11.1786, 12.4272, 12.8758
YIQ	97.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

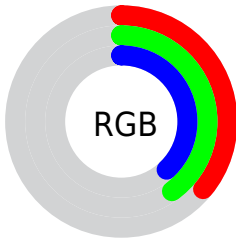
Format	Color
R_{YB}	92, 98, 101
Decimal	6055264
CIE Lab	41.89, -4.54, 1.64
CIE LCh	42, 4.826, 160.161
Yxy	12.4272, 0.3064, 0.3406
Android (android.graphics.Color)	4284245344 (0xFF5C6560)
YUV	97.7390, -0.8573, -5.0331
Hunter-Lab	35.2522, -5.0885, 3.0210

Details

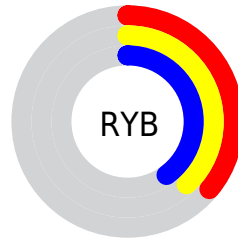
The XYZ color **11.1786, 12.4272, 12.8758** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3521, 11.2843, 12.8896**, and the grayscale version is **11.5476, 12.1490, 13.2303**.

A 20% lighter version of the original color is **27.5719, 30.2826, 31.5861**, and **3.0216, 3.4495, 3.5242** is the 20% darker color. If you saturate the color by 10%, you get **9.9870, 11.8420, 11.5192**, and if you desaturate by 10%, it is **12.5239, 13.0902, 14.3365**.

Distribution



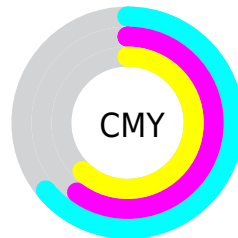
- Red (36%)
- Green (40%)
- Blue (38%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1786, 12.4272, 12.8758 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 11.1786, 12.4272, 12.8758 by changing the saturation by 10% instead.

■ 11.1786, 12.4272,
12.8758

■ 11.1786, 12.4272,
12.8758

192.7719,
207.2133, 221.2999

■ 6.2553, 7.0353,
7.2134

■ 27.6200, 30.2708,
31.7684

■ 3.0430, 3.4842,
3.5154

■ 39.8688, 43.4913,
45.8356

■ 1.1766, 1.3894,
1.3635

■ 55.2901, 60.0902,
63.5415

■ 0.0877, 0.2089,
0.1130

■ 74.2492, 80.4518,
85.3046

■ 0.0000, 0.0000,
0.0000

97.1117, 104.9605,
111.5435

124.2427,

134.0007, 142.6766

156.0076,
167.9569, 179.1226

■ 11.1786, 12.4272,
12.8758

■ 11.1786, 12.4272,
12.8758

■ 9.9870, 11.8420,
11.5192

■ 12.5239, 13.0902,
14.3365

■ 8.9423, 11.3302,
10.2635

■ 14.0273, 13.8321,
15.9025

■ 8.0390, 10.8892,
9.1067

■ 15.6941, 14.6560,
17.5764

■ 7.2706, 10.5157,
8.0463

■ 17.5293, 15.5645,
19.3601

■ 6.6300, 10.2062,
7.0798

■ 19.5375, 16.5599,
21.2557

■ 6.1096, 9.9568,
6.2046

■ 21.7231, 17.6444,
23.2650

■ 5.7010, 9.7631,
5.4178

■ 24.0906, 18.8203,
25.3901

■ 5.3944, 9.6203,
4.7166

■ 26.6439, 20.0896,
27.6327

■ 5.1509, 9.5082,
4.0963

■ 29.3873, 21.4544,
29.9946

Harmonies

Analogous

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



11.3751, 12.4272, 12.0857



11.1786, 12.4272, 12.8758



11.1498, 12.4272, 13.8804

Triad

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



11.1786, 12.4272, 12.8758



11.9330, 12.4272, 15.5567



12.3433, 12.4272, 12.3042

Complementary

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



11.1786, 12.4272, 12.8758



11.3521, 11.2843, 12.8896

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.



12.4993, 12.4272, 13.1877



11.1786, 12.4272, 12.8758



12.2593, 12.4272, 15.0874

Square

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



11.1786, 12.4272, 12.8758



11.5806, 12.4272, 15.4629



12.4682, 12.4272, 14.2083



12.0458, 12.4272, 11.7673

Rectangle

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



11.1786, 12.4272, 12.8758



11.2289, 12.4272, 14.5415



12.4682, 12.4272, 14.2083



12.4143, 12.4272, 12.5686

Sweetspot

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



11.1789, 12.4277, 12.8761



20.5039, 21.9809, 23.5435



11.5263, 12.6275, 11.9552



5.0064, 5.3894, 5.7511



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.



11.1789, 12.4277, 12.8761



18.6770, 21.0817, 21.5301



11.3874, 12.5111, 13.9737



2.8430, 3.1610, 3.2746



6.6996, 12.4435, 5.1796



34.5146, 64.7284, 24.7636

Inverse Universe

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



11.3521, 11.2843, 12.8896



19.0483, 18.6292, 21.5591



11.1524, 11.2045, 11.8383



2.8871, 2.8695, 3.2781



7.9560, 3.9953, 5.1666



41.0491, 20.6596, 24.5998

Previews

White Background



This preview shows how the XYZ color 11.1786, 12.4272, 12.8758 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 11.1786, 12.4272, 12.8758 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

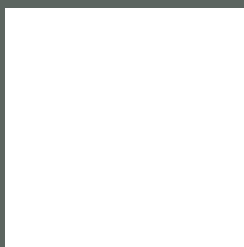
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1786, 12.4272, 12.8758

Background



This preview shows how black text looks on a background with the XYZ color 11.1786, 12.4272, 12.8758.



This preview shows how white text looks on a background with the XYZ color 11.1786, 12.4272,

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

11.1786, 12.4272, 12.8758

Protanopia

11.7549, 12.3102, 12.3462

Deuteranopia

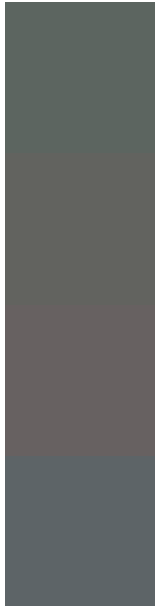
12.5566, 12.2987, 13.0213



Tritanopia

11.7318, 12.3649, 15.6783

Trichromacy



Original Color

11.1786, 12.4272, 12.8758

Protanomaly

11.5644, 12.3466, 12.6001

Deuteranomaly

12.0259, 12.2960, 13.0488

Tritanomaly

11.5196, 12.4208, 14.6223

Monochromacy



Original Color

11.1786, 12.4272, 12.8758

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4434, 12.2735, 13.0752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1786, 12.4272, 12.8758 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(92, 101, 96) looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 101, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 101, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.1786, 12.4272, 12.8758 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(92, 101, 96) }
```


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

```
.border{ border-color:rgb(92, 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(92, 101, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 101, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 101, 96);  
box-shadow:4px 4px 4px 4px rgb(92, 101,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1786, 12.4272, 12.8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 101, 96) }
```

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

```
.background{ background-color: rgb(92, 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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