

Converting Colors

XYZ(11.0066, 11.1776, 14.4997)

Have a look what the booklet for
XYZ(11.0066, 11.1776, 14.4997)
contains.

XYZ(10.9786, 11.1877, 14.4128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.9786, 11.1877,
14.4128)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5D67
RGB	94, 93, 103
RGB Percent	37%, 36%, 40%
CMY	0.6314, 0.6353, 0.5961
CMYK	0.09, 0.10, 0.00, 0.60
HSL	246°, 5%, 38%
HSV	246°, 10%, 40%
XYZ	10.9786, 11.1877, 14.4128
YIQ	94.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

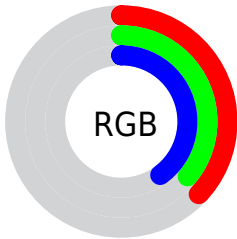
Format	Color
R_{YB}	94, 93, 103
Decimal	6184295
CIE Lab	39.89, 2.58, -5.56
CIE LCh	40, 6.126, 294.886
Yxy	11.1877, 0.3001, 0.3058
Android (android.graphics.Color)	4284374375 (0xFF5E5D67)
YUV	94.4390, 4.2206, -0.3850
Hunter-Lab	33.4480, 0.0548, -2.1345

Details

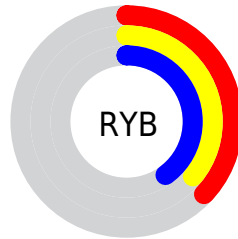
The XYZ color **10.9786, 11.1877, 14.4128** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3061, 13.3160, 12.2782**, and the grayscale version is **10.7344, 11.2934, 12.2985**.

A 20% lighter version of the original color is **27.1568, 27.9073, 34.5272**, and **2.9492, 2.9469, 4.1548** is the 20% darker color. If you saturate the color by 10%, you get **9.2404, 9.0390, 14.0898**, and if you desaturate by 10%, it is **12.9535, 13.6399, 14.7822**.

Distribution



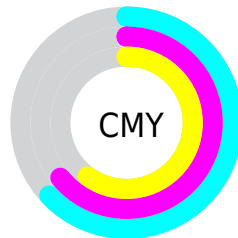
- Red (37%)
- Green (36%)
- Blue (40%)



- Red (37%)
- Yellow (36%)
- Blue (40%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (60%)



- Cyan (63%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9786, 11.1877, 14.4128 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 10.9786, 11.1877, 14.4128 by changing the saturation by 10% instead.

■ 10.9786, 11.1877,
14.4128

■ 10.9786, 11.1877,
14.4128

191.4320,
198.9508, 231.3010

■ 6.1196, 6.1932,
8.2663

■ 27.2539, 28.0067,
34.5473

■ 2.9593, 2.9629,
4.1756

■ 39.4009, 40.6001,
49.3724

■ 1.1323, 1.1124,
1.7222

■ 54.7080, 56.4952,
67.9275

■ 0.0519, 0.0000,
0.3759

■ 73.5406, 76.0764,
90.6310

■ 0.0000, 0.0000,
0.0000

96.2639, 99.7282,
117.9016

123.2433,

127.8350, 150.1578

154.8442,
160.7810, 187.8181

■ 10.9786, 11.1877,
14.4128

■ 10.9786, 11.1877,
14.4128

■ 9.2404, 9.0390,
14.0898

■ 12.9535, 13.6399,
14.7822

■ 7.7291, 7.1805,
13.8108

■ 15.1725, 16.4051,
15.1990

■ 6.4355, 5.6003,
13.5739

■ 17.6440, 19.4946,
15.6651

■ 5.3496, 4.2849,
13.3773

■ 20.3755, 22.9182,
16.1819

■ 4.4606, 3.2197,
13.2185

■ 23.3743, 26.6856,
16.7510

■ 3.7564, 2.3889,
13.0953

■ 26.6475, 30.8060,
17.3738

■ 3.2239, 1.7746,
13.0048

■ 30.2018, 35.2883,
18.0517

■ 2.8482, 1.3564,
12.9439

■ 34.0437, 40.1411,
18.7859

■ 2.5836, 1.0539,
12.8994

■ 38.1795, 45.3727,
19.5777

Harmonies

Analogous

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



10.5614, 11.1877, 14.6450



10.9786, 11.1877, 14.4128



11.3110, 11.1877, 13.5672

Triad

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



10.9786, 11.1877, 14.4128



11.1070, 11.1877, 10.3782



9.8459, 11.1877, 11.9756

Complementary

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



10.9786, 11.1877, 14.4128



12.3061, 13.3160, 12.2782

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.



9.9837, 11.1877, 10.8935



10.9786, 11.1877, 14.4128



10.7060, 11.1877, 10.0110

Square

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



10.9786, 11.1877, 14.4128



11.3865, 11.1877, 11.2298



10.2959, 11.1877, 10.1933



9.9146, 11.1877, 13.1855

Rectangle

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



10.9786, 11.1877, 14.4128



11.4361, 11.1877, 12.7973



10.2959, 11.1877, 10.1933



9.8695, 11.1877, 11.5858

Sweetspot

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



10.9789, 11.1882, 14.4130



21.9506, 22.8771, 26.2359



11.7306, 12.8423, 14.6927



5.2952, 5.5066, 6.3896



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.



10.9789, 11.1882, 14.4130



18.7947, 18.9635, 25.6468



11.4904, 11.4518, 14.4370



2.7159, 2.7756, 3.5246



3.2242, 1.3063, 16.2265



16.4453, 6.6221, 84.6128

Inverse Universe

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



11.9066, 11.6722, 14.1966



20.8751, 20.0490, 25.1531



11.7740, 13.0417, 12.2533



2.9247, 2.8845, 3.4761



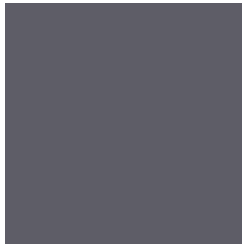
9.5008, 4.6133, 13.3013



49.3695, 23.9878, 68.4141

Previews

White Background



This preview shows how the XYZ color 10.9786, 11.1877, 14.4128 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 10.9786, 11.1877, 14.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

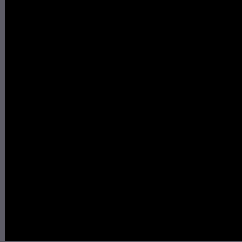
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

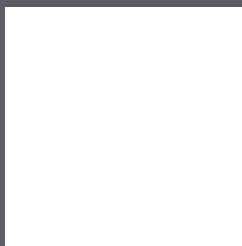
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9786, 11.1877, 14.4128

Background



This preview shows how black text looks on a background with the XYZ color 10.9786, 11.1877, 14.4128.



This preview shows how white text looks on a background with the XYZ color 10.9786, 11.1877,

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

10.9786, 11.1877, 14.4128

Protanopia

10.8767, 11.1351, 14.4080

Deuteranopia

11.3349, 11.1141, 14.3798



Tritanopia

10.8794, 11.1480, 13.8903

Trichromacy



Original Color

10.9786, 11.1877, 14.4128

Protanomaly

10.8767, 11.1351, 14.4080

Deuteranomaly

11.2051, 11.1750, 14.3984

Tritanomaly

10.9287, 11.1677, 14.1499

Monochromacy



Original Color

10.9786, 11.1877, 14.4128

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7765, 11.2482, 12.9124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9786, 11.1877, 14.4128 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(94, 93, 103) looks like.

```
.text, #text, p{  
    color:rgb(94, 93, 103)  
}
```

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(94, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 93, 103) }
```

Border

The CSS property to change the border of an element to XYZ 10.9786, 11.1877, 14.4128 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(94, 93, 103) }
```


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

```
.border{ border-color:rgb(94, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 93, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 93, 103);  
box-shadow:4px 4px 4px 4px rgb(94, 93,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9786, 11.1877, 14.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 93, 103) }
```

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

```
.background{ background-color: rgb(94, 93,  
103) }
```

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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