

Converting Colors

XYZ(10.8591, 11.8645, 16.1397)

Have a look what the booklet for
XYZ(10.8591, 11.8645, 16.1397)
contains.

XYZ(10.8783, 11.9126, 16.1940)	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(10.8783, 11.9126,
16.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	54636D
RGB	84, 99, 109
RGB Percent	33%, 39%, 43%
CMY	0.6706, 0.6118, 0.5725
CMYK	0.23, 0.09, 0.00, 0.57
HSL	204°, 13%, 38%
HSV	204°, 23%, 43%
XYZ	10.8783, 11.9126, 16.1940
YIQ	95.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

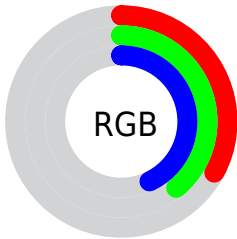
Format	Color
R_{YB}	84, 93, 109
Decimal	5530477
CIE _{Lab}	41.08, -3.26, -7.56
CIE _{LCh}	41, 8.230, 246.658
Yxy	11.9126, 0.2790, 0.3056
Android (android.graphics.Color)	4283720557 (0xFF54636D)
YUV	95.6550, 6.5791, -10.2214
Hunter-Lab	34.5146, -4.1411, -3.6582

Details

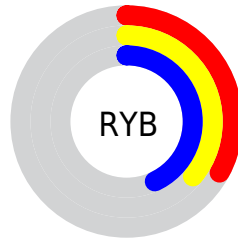
The XYZ color **10.8783, 11.9126, 16.1940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9097, 11.8968, 10.0564**, and the grayscale version is **11.0217, 11.5957, 12.6277**.

A 20% lighter version of the original color is **27.0830, 29.4191, 37.5087**, and **2.9419, 3.3061, 5.0405** is the 20% darker color. If you saturate the color by 10%, you get **9.5758, 10.6447, 16.0181**, and if you desaturate by 10%, it is **12.3557, 13.3043, 16.3850**.

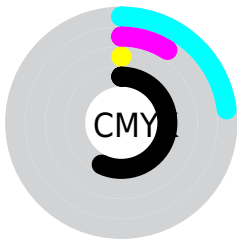
Distribution



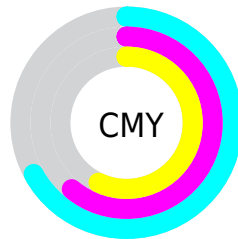
- Red (33%)
- Green (39%)
- Blue (43%)



- Red (33%)
- Yellow (36%)
- Blue (43%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (57%)



- Cyan (67%)
- Magenta (61%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8783, 11.9126, 16.1940 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 10.8783, 11.9126, 16.1940 by changing the saturation by 10% instead.

■ 10.8783, 11.9126,
16.1940

■ 10.8783, 11.9126,
16.1940

190.7563,
203.8258, 242.3684

■ 6.0517, 6.6842,
9.5057

■ 27.0699, 29.3358,
37.7061

■ 2.9175, 3.2654,
4.9712

■ 39.1656, 42.2994,
53.3671

■ 1.1103, 1.2718,
2.1719

■ 54.4150, 58.6102,
72.8559

■ 0.0337, 0.1192,
0.6581

■ 73.1836, 78.6526,
96.5913

■ 0.0000, 0.0000,
0.0000

■ 95.8367, 102.8110,
124.9917

122.7396,

131.4697, 158.4756

154.2577,
165.0132, 197.4617

■ 10.8783, 11.9126,
16.1940

■ 10.8783, 11.9126,
16.1940

■ 9.5758, 10.6447,
16.0181

■ 12.3557, 13.3043,
16.3850

■ 8.4397, 9.4949,
15.8561

■ 14.0138, 14.8225,
16.5906

■ 7.4625, 8.4592,
15.7076

■ 15.8595, 16.4715,
16.8116

■ 6.6356, 7.5324,
15.5723

■ 17.8989, 18.2550,
17.0484

■ 5.9495, 6.7091,
15.4496

■ 20.1378, 20.1764,
17.3012

■ 5.3935, 5.9833,
15.3388

■ 22.5820, 22.2391,
17.5706

■ 4.9533, 5.3470,
15.2392

■ 25.2367, 24.4464,
17.8567

■ 4.6740, 4.9314,
15.1737

■ 28.1072, 26.8013,
18.1599

■ 31.1985, 29.3069,
18.4806

Harmonies

Analogous

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



10.4353, 11.9126, 15.0123



10.8783, 11.9126, 16.1940



11.4548, 11.9126, 16.4790

Triad

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



10.8783, 11.9126, 16.1940



12.4891, 11.9126, 12.5971



10.6576, 11.9126, 10.5314

Complementary

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



10.8783, 11.9126, 16.1940



11.9097, 11.8968, 10.0564

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.



11.1913, 11.9126, 9.9996



10.8783, 11.9126, 16.1940



12.2588, 11.9126, 11.1233

Square

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



10.8783, 11.9126, 16.1940



12.3982, 11.9126, 14.3034



11.7788, 11.9126, 10.2064



10.3110, 11.9126, 11.7237

Rectangle

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



10.8783, 11.9126, 16.1940



11.8401, 11.9126, 16.1019



11.7788, 11.9126, 10.2064



10.8204, 11.9126, 10.2744

Sweetspot

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



10.8787, 11.9131, 16.1943



23.7887, 25.3557, 29.5476



11.1268, 13.6230, 12.5352



5.5112, 5.8780, 6.8729



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.8787, 11.9131, 16.1943



18.0798, 19.9791, 28.8107



9.8182, 9.7921, 15.8408



3.0852, 3.2987, 3.9090



5.4429, 5.7201, 17.7395



26.8677, 27.4139, 90.1015

Inverse Universe

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



11.7294, 10.4930, 13.2120



19.9433, 17.0130, 22.2459



13.0697, 14.2168, 10.4430



3.1688, 3.1444, 3.6193



8.4942, 4.2498, 6.2309



42.8444, 21.4797, 29.4468

Previews

White Background



This preview shows how the XYZ color 10.8783, 11.9126, 16.1940 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

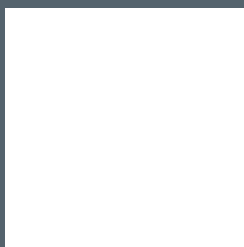
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8783, 11.9126, 16.1940

Background



This preview shows how black text looks on a background with the XYZ color 10.8783, 11.9126, 16.1940.



This preview shows how white text looks on a background with the XYZ color 10.8783, 11.9126,

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

10.8783, 11.9126, 16.1940

Protanopia

11.5560, 11.8602, 15.5901

Deuteranopia

12.0727, 11.8405, 16.4010



Tritanopia

10.7718, 11.8700, 15.6333

Trichromacy



Original Color

10.8783, 11.9126, 16.1940

Protanomaly

11.2959, 11.8562, 15.8805

Deuteranomaly

11.6134, 11.8712, 16.4311

Tritanomaly

10.8248, 11.8912, 15.9121

Monochromacy



Original Color

10.8783, 11.9126, 16.1940

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.0373, 11.7643, 14.0009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8783, 11.9126, 16.1940 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(84, 99, 109) looks like.

```
.text, #text, p{  
    color:rgb(84, 99, 109)  
}
```

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(84, 99, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 99, 109) }
```

Border

The CSS property to change the border of an element to XYZ 10.8783, 11.9126, 16.1940 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(84, 99, 109) }
```


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

```
.border{ border-color:rgb(84, 99, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 99, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 99, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 99, 109);  
box-shadow:4px 4px 4px 4px rgb(84, 99,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8783, 11.9126, 16.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 99, 109) }
```

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

```
.background{ background-color: rgb(84, 99,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor