

Converting Colors

XYZ(10.7683, 10.9725, 16.2954)

Have a look what the booklet for
XYZ(10.7683, 10.9725, 16.2954)
contains.

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Color

**XYZ(10.8486, 11.0783,
16.3184)**

Conversions

Conversions Part 1

Format	Color
Hex	595D6E
RGB	89, 93, 110
RGB Percent	35%, 36%, 43%
CMY	0.6510, 0.6353, 0.5686
CMYK	0.19, 0.15, 0.00, 0.57
HSL	229°, 11%, 39%
HSV	229°, 19%, 43%
XYZ	10.8486, 11.0783, 16.3184
YIQ	93.7420, -7.8410, 4.4390

Conversions

Conversions Part 2

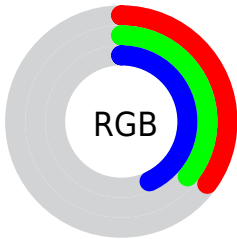
Format	Color
R _Y B	89, 92, 110
Decimal	5856622
CIE Lab	39.71, 2.40, -10.18
CIE LCh	40, 10.459, 283.271
Yxy	11.0783, 0.2837, 0.2897
Android (android.graphics.Color)	4284046702 (0xFF595D6E)
YUV	93.7420, 8.0152, -4.1587
Hunter-Lab	33.2841, -0.0669, -5.7696

Details

The XYZ color **10.8486, 11.0783, 16.3184** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3877, 14.3443, 11.5145**, and the grayscale version is **10.5617, 11.1117, 12.1007**.

A 20% lighter version of the original color is **26.9915, 27.7425, 38.1147**, and **2.8823, 2.8944, 4.9642** is the 20% darker color. If you saturate the color by 10%, you get **9.1344, 9.1014, 16.0273**, and if you desaturate by 10%, it is **12.8123, 13.3195, 16.6477**.

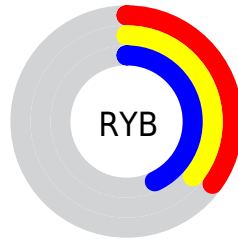
Distribution



Red (35%)

Green (36%)

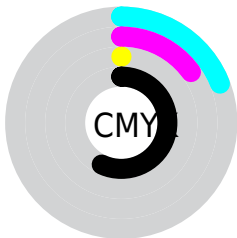
Blue (43%)



Red (35%)

Yellow (36%)

Blue (43%)

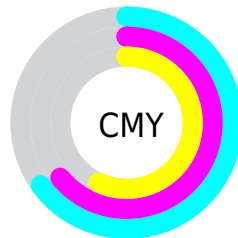


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (57%)



Cyan (65%)

Magenta (64%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8486, 11.0783, 16.3184 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 10.8486, 11.0783, 16.3184 by changing the saturation by 10% instead.

■ 10.8486, 11.0783,
16.3184

■ 10.8486, 11.0783,
16.3184

190.5557,
198.2040, 243.1228

■ 6.0317, 6.1195,
9.5930

■ 27.0153, 27.8049,
37.9245

■ 2.9052, 2.9179,
5.0279

■ 39.0958, 40.3414,
53.6423

■ 1.1038, 1.0890,
2.2046

■ 54.3281, 56.1728,
73.1946

■ 0.0283, 0.0000,
0.6770

■ 73.0777, 75.6832,
97.0000

■ 0.0000, 0.0000,
0.0000

■ 95.7099, 99.2571,
125.4769

122.5901,

127.2790, 159.0440

154.0836,
160.1331, 198.1198

■ 10.8486, 11.0783,
16.3184

■ 10.8486, 11.0783,
16.3184

■ 9.1344, 9.1014,
16.0273

■ 12.8123, 13.3195,
16.6477

■ 7.6585, 7.3776,
15.7724

■ 15.0339, 15.8329,
17.0157

■ 6.4106, 5.8969,
15.5524

■ 17.5229, 18.6278,
17.4240

■ 5.3790, 4.6482,
15.3657

■ 20.2876, 21.7126,
17.8737

■ 4.5510, 3.6194,
15.2108

■ 23.3365, 25.0955,
18.3660

■ 3.9125, 2.7972,
15.0857

■ 26.6771, 28.7841,
18.9019

■ 3.4476, 2.1670,
14.9886

■ 30.3172, 32.7859,
19.4825

■ 3.1095, 1.6973,
14.9158

■ 34.2638, 37.1082,
20.1087

■ 3.0819, 1.6606,
14.9101

■ 38.5242, 41.7579,
20.7817

Harmonies

Analogous

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



10.1385, 11.0783, 16.2432



10.8486, 11.0783, 16.3184



11.5011, 11.0783, 15.1650

Triad

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



10.8486, 11.0783, 16.3184



11.5635, 11.0783, 9.5580



9.2661, 11.0783, 10.9633

Complementary

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



10.8486, 11.0783, 16.3184



13.3877, 14.3443, 11.5145

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.



9.6144, 11.0783, 9.4147



10.8486, 11.0783, 16.3184



10.9306, 11.0783, 8.6686

Square

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



10.8486, 11.0783, 16.3184



11.9263, 11.0783, 11.1803



10.2169, 11.0783, 8.6193



9.2464, 11.0783, 12.9897

Rectangle

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



10.8486, 11.0783, 16.3184



11.8069, 11.0783, 13.9229



10.2169, 11.0783, 8.6193



9.3479, 11.0783, 10.3755

Sweetspot

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



10.8489, 11.0788, 16.3186



23.5964, 24.6347, 29.4185



12.2871, 14.3124, 15.6963



5.4524, 5.6889, 6.8395



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.



10.8489, 11.0788, 16.3186



17.6378, 17.8295, 28.4191



11.1376, 10.7197, 16.2341



3.2643, 3.3939, 4.2373



3.6842, 1.9587, 17.9055



17.8643, 8.7805, 89.0324

Inverse Universe

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



11.9788, 11.2503, 11.8966



20.0291, 18.2301, 19.0515



13.0534, 14.7985, 11.6198



3.4081, 3.4109, 3.6757



7.8780, 4.0436, 1.1673



38.9970, 20.0441, 4.5166

Previews

White Background



This preview shows how the XYZ color 10.8486, 11.0783, 16.3184 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 10.8486, 11.0783, 16.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

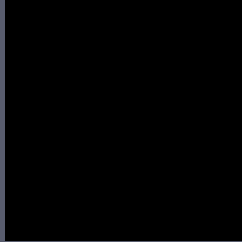
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

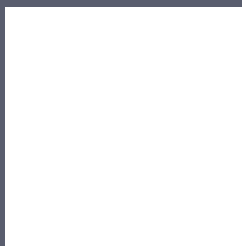
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8486, 11.0783, 16.3184

Background



This preview shows how black text looks on a background with the XYZ color 10.8486, 11.0783, 16.3184.

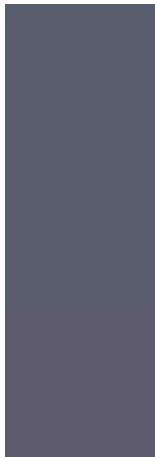


This preview shows how white text looks on a background with the XYZ color 10.8486, 11.0783,

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

10.8486, 11.0783, 16.3184

Protanopia

10.9453, 11.1281, 16.3229

Deuteranopia

11.1717, 10.9876, 16.2839



Tritanopia

10.3315, 10.9910, 14.1473

Trichromacy



Original Color

10.8486, 11.0783, 16.3184

Protanomaly

10.9453, 11.1281, 16.3229

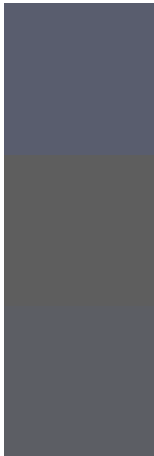
Deuteranomaly

11.0553, 11.0554, 16.3031

Tritanomaly

10.5770, 11.1000, 14.9497

Monochromacy



Original Color

10.8486, 11.0783, 16.3184

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7166, 11.2008, 13.6537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8486, 11.0783, 16.3184 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, 93, 110) looks like.

```
.text, #text, p{  
    color:rgb(89, 93, 110)  
}
```

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, 93, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 93, 110) }
```

Border

The CSS property to change the border of an element to XYZ 10.8486, 11.0783, 16.3184 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, 93, 110) }
```


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

```
.border{ border-color:rgb(89, 93, 110) }
```

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

Here you see how a box with a 4 pixel rgb(89, 93, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 93, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 93, 110);  
box-shadow:4px 4px 4px 4px rgb(89, 93,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8486, 11.0783, 16.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 93, 110) }
```

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

```
.background{ background-color: rgb(89, 93,  
110) }
```

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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