

Converting Colors

XYZ(11.9707, 13.0585, 16.0770)

Have a look what the booklet for
XYZ(11.9707, 13.0585, 16.0770)
contains.

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Color

**XYZ(11.9707, 13.0585,
16.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	5C676C
RGB	92, 103, 108
RGB Percent	36%, 40%, 42%
CMY	0.6392, 0.5961, 0.5765
CMYK	0.15, 0.05, 0.00, 0.58
HSL	199°, 8%, 39%
HSV	199°, 15%, 42%
XYZ	11.9707, 13.0585, 16.0770
YIQ	100.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

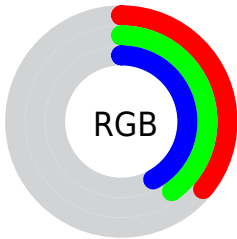
Format	Color
R_{YB}	92, 99, 108
Decimal	6055788
CIE _{Lab}	42.85, -3.04, -4.24
CIE _{LCh}	43, 5.219, 234.361
Yxy	13.0585, 0.2912, 0.3177
Android (android.graphics.Color)	4284245868 (0xFF5C676C)
YUV	100.2810, 3.8055, -7.2624
Hunter-Lab	36.1365, -4.1085, -1.0823

Details

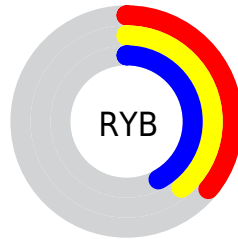
The XYZ color **11.9707, 13.0585, 16.0770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3910, 12.5104, 11.8873**, and the grayscale version is **12.1773, 12.8114, 13.9516**.

A 20% lighter version of the original color is **28.9689, 31.3652, 37.3281**, and **3.3832, 3.7461, 4.9596** is the 20% darker color. If you saturate the color by 10%, you get **10.6390, 11.8841, 15.9207**, and if you desaturate by 10%, it is **13.4705, 14.3404, 16.2456**.

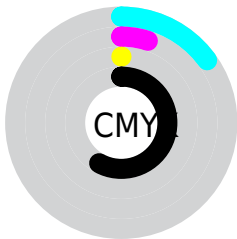
Distribution



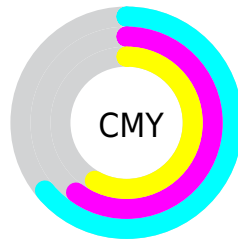
- Red (36%)
- Green (40%)
- Blue (42%)



- Red (36%)
- Yellow (39%)
- Blue (42%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9707, 13.0585, 16.0770 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 11.9707, 13.0585, 16.0770 by changing the saturation by 10% instead.

■ 11.9707, 13.0585,
16.0770

■ 11.9707, 13.0585,
16.0770

197.9851,
211.2922, 241.6569

■ 6.7958, 7.4688,
9.4237

■ 29.0590, 31.4088,
37.5005

■ 3.3799, 3.7570,
4.9180

■ 41.7032, 44.9383,
53.1077

■ 1.3577, 1.5386,
2.1413

■ 57.5678, 61.8832,
72.5368

■ 0.2258, 0.3157,
0.6402

■ 77.0182, 82.6278,
96.2061

■ 0.0000, 0.0000,
0.0000

100.4198,
107.5567, 124.5342

128.1379,

137.0541, 157.9396

160.5379,
171.5045, 196.8410

■ 11.9707, 13.0585,
16.0770

■ 11.9707, 13.0585,
16.0770

■ 10.6390, 11.8841,
15.9207

■ 13.4705, 14.3404,
16.2456

■ 9.4677, 10.8119,
15.7755

■ 15.1437, 15.7317,
16.4259

■ 8.4501, 9.8385,
15.6412

■ 16.9963, 17.2360,
16.6187

■ 7.5784, 8.9598,
15.5176

■ 19.0342, 18.8567,
16.8241

■ 6.8444, 8.1712,
15.4041

■ 21.2626, 20.5965,
17.0425

■ 6.2388, 7.4677,
15.3002

■ 23.6867, 22.4585,
17.2741

■ 5.7510, 6.8436,
15.2054

■ 26.3114, 24.4454,
17.5193

■ 5.3619, 6.2888,
15.1188

■ 29.1416, 26.5598,
17.7782

■ 5.1728, 6.0147,
15.0759

■ 32.1818, 28.8044,
18.0512

Harmonies

Analogous

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



11.7269, 13.0585, 15.1428



11.9707, 13.0585, 16.0770



12.3366, 13.0585, 16.5154

Triad

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



11.9707, 13.0585, 16.0770



13.1897, 13.0585, 14.4351



12.0984, 13.0585, 12.3122

Complementary

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



11.9707, 13.0585, 16.0770



12.3910, 12.5104, 11.8873

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.



12.4871, 13.0585, 12.1451



11.9707, 13.0585, 16.0770



13.1227, 13.0585, 13.3326

Square

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



11.9707, 13.0585, 16.0770



13.0447, 13.0585, 15.5355



12.8634, 13.0585, 12.5090



11.7995, 13.0585, 12.9781

Rectangle

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



11.9707, 13.0585, 16.0770



12.6027, 13.0585, 16.4514



12.8634, 13.0585, 12.5090



12.2227, 13.0585, 12.1973

Sweetspot

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



11.9711, 13.0590, 16.0773



23.8459, 25.3419, 28.5424



11.9249, 13.8601, 13.3075



5.7303, 6.0989, 6.9040



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.



11.9711, 13.0590, 16.0773



20.1235, 22.1470, 28.1219



11.2310, 11.5789, 15.8306



3.1060, 3.3403, 3.9159



6.1451, 7.1245, 17.9735



30.5118, 34.7021, 91.3162

Inverse Universe

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



12.4600, 11.8221, 14.4577



21.1784, 19.5357, 24.6146



13.1476, 14.0236, 12.1395



3.1793, 3.1486, 3.6745



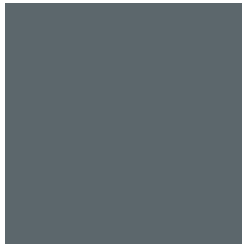
8.8486, 4.3916, 8.0974



44.6837, 22.2154, 39.1328

Previews

White Background



This preview shows how the XYZ color 11.9707, 13.0585, 16.0770 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 11.9707, 13.0585, 16.0770 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

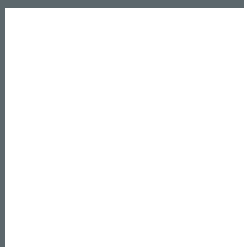
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9707, 13.0585, 16.0770

Background



This preview shows how black text looks on a background with the XYZ color 11.9707, 13.0585, 16.0770.



This preview shows how white text looks on a background with the XYZ color 11.9707, 13.0585,

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

11.9707, 13.0585, 16.0770

Protanopia

12.5255, 12.9217, 15.4696

Deuteranopia

13.1914, 12.9653, 16.2753



Tritanopia

12.1331, 13.1235, 16.9325

Trichromacy



Original Color

11.9707, 13.0585, 16.0770

Protanomaly

12.3445, 12.9656, 15.7619

Deuteranomaly

12.7970, 13.0433, 16.3111

Tritanomaly

12.0784, 13.1016, 16.6441

Monochromacy



Original Color

11.9707, 13.0585, 16.0770

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.0316, 12.8280, 14.6739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9707, 13.0585, 16.0770 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, 103, 108) looks like.

```
.text, #text, p{  
    color:rgb(92, 103, 108)  
}
```

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, 103, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 103, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.9707, 13.0585, 16.0770 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, 103, 108) }
```


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

```
.border{ border-color:rgb(92, 103, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 103, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 103, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 103, 108);  
box-shadow:4px 4px 4px 4px rgb(92, 103,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9707, 13.0585, 16.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 103, 108) }
```

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

```
.background{ background-color: rgb(92, 103,  
108) }
```

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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