

Converting Colors

XYZ(11.8735, 13.7879, 14.7280)

Have a look what the booklet for
XYZ(11.8735, 13.7879, 14.7280)
contains.

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Color

**XYZ(11.8807, 13.8083,
14.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	596C66
RGB	89, 108, 102
RGB Percent	35%, 42%, 40%
CMY	0.6510, 0.5765, 0.6000
CMYK	0.18, 0.00, 0.06, 0.58
HSL	161°, 10%, 39%
HSV	161°, 18%, 42%
XYZ	11.8807, 13.8083, 14.6095
YIQ	101.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

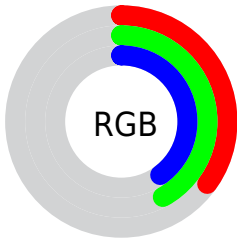
Format	Color
R_{YB}	89, 100, 108
Decimal	5860454
CIE _{Lab}	43.96, -8.44, 0.98
CIE _{LCh}	44, 8.493, 173.345
Yxy	13.8083, 0.2948, 0.3427
Android (android.graphics.Color)	4284050534 (0xFF596C66)
YUV	101.6350, 0.1799, -11.0809
Hunter-Lab	37.1595, -7.9589, 2.7014

Details

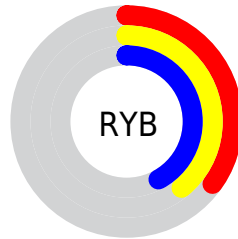
The XYZ color **11.8807, 13.8083, 14.6095** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8228, 11.1595, 12.3580**, and the grayscale version is **12.5358, 13.1886, 14.3624**.

A 20% lighter version of the original color is **28.7954, 32.5851, 34.9089**, and **3.3546, 4.1269, 4.2342** is the 20% darker color. If you saturate the color by 10%, you get **10.7538, 13.2469, 13.6919**, and if you desaturate by 10%, it is **13.1675, 14.4521, 15.5715**.

Distribution



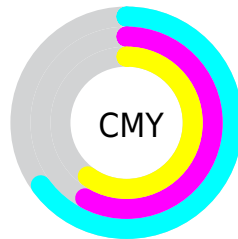
- Red (35%)
- Green (42%)
- Blue (40%)



- Red (35%)
- Yellow (39%)
- Blue (42%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8807, 13.8083, 14.6095 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 11.8807, 13.8083, 14.6095 by changing the saturation by 10% instead.

■ 11.8807, 13.8083,
14.6095

■ 11.8807, 13.8083,
14.6095

197.4000,
216.0350, 232.5491

■ 6.7341, 7.9875,
8.4022

■ 28.8964, 32.7485,
34.8992

■ 3.3412, 4.0869,
4.2619

■ 41.4962, 46.6366,
49.8187

■ 1.3367, 1.7223,
1.7701

■ 57.3111, 63.9827,
68.4794

■ 0.2104, 0.4380,
0.4081

■ 76.7065, 85.1710,
91.2998

■ 0.0000, 0.0000,
0.0000

■ 100.0477,
110.5860, 118.6984

127.7002,

140.6120, 151.0938

160.0291,
175.6336, 188.9045

■ 11.8807, 13.8083,
14.6095

■ 11.8807, 13.8083,
14.6095

■ 10.7538, 13.2469,
13.6919

■ 13.1675, 14.4521,
15.5715

■ 9.7788, 12.7626,
12.8171

■ 14.6192, 15.1797,
16.5777

■ 8.9491, 12.3524,
11.9846

■ 16.2422, 15.9948,
17.6291

■ 8.2568, 12.0123,
11.1935

■ 18.0420, 16.9002,
18.7264

■ 7.6935, 11.7380,
10.4430

■ 20.0242, 17.8988,
19.8702

■ 7.2496, 11.5244,
9.7323

■ 22.1937, 18.9931,
21.0612

■ 6.9143, 11.3661,
9.0602

■ 24.5555, 20.1857,
22.2999

■ 6.6555, 11.2465,
8.4249

■ 27.1145, 21.4791,
23.5871

■ 6.5952, 11.2186,
8.2770

■ 29.8751, 22.8755,
24.9233

Harmonies

Analogous

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



12.1135, 13.8083, 12.9294



11.8807, 13.8083, 14.6095



11.9719, 13.8083, 16.5516

Triad

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



11.8807, 13.8083, 14.6095



13.6438, 13.8083, 18.7002



13.9121, 13.8083, 12.2537

Complementary

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



11.8807, 13.8083, 14.6095



11.8228, 11.1595, 12.3580

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.



14.3485, 13.8083, 13.6138



11.8807, 13.8083, 14.6095



14.1900, 13.8083, 17.3574

Square

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



11.8807, 13.8083, 14.6095



12.9750, 13.8083, 19.0240



14.4519, 13.8083, 15.4685



13.2749, 13.8083, 11.6464

Rectangle

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



11.8807, 13.8083, 14.6095



12.2057, 13.8083, 17.7245



14.4519, 13.8083, 15.4685



14.0880, 13.8083, 12.6322

Sweetspot

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



11.8811, 13.8089, 14.6098



23.7151, 25.6712, 27.7632



11.8873, 13.8808, 11.5042



5.7084, 6.1977, 6.6975



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.



11.8811, 13.8089, 14.6098



20.0379, 23.8330, 24.9982



11.8296, 13.2121, 16.1147



3.1431, 3.4764, 3.7375



7.8536, 13.3755, 9.8060



39.6115, 67.9917, 47.8286

Inverse Universe

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



11.8228, 11.1595, 12.3580



19.9160, 18.2804, 20.2799



11.8571, 11.6482, 11.0749



3.1355, 3.1311, 3.4439



7.7112, 3.9366, 2.1077



38.9373, 19.9169, 8.8725

Previews

White Background



This preview shows how the XYZ color 11.8807, 13.8083, 14.6095 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 11.8807, 13.8083, 14.6095 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 11.8807, 13.8083, 14.6095

Background



This preview shows how black text looks on a background with the XYZ color 11.8807, 13.8083, 14.6095.



This preview shows how white text looks on a background with the XYZ color 11.8807, 13.8083,

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

11.8807, 13.8083, 14.6095

Protanopia

13.1658, 13.7271, 13.7601

Deuteranopia

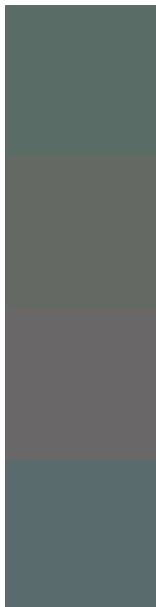
13.9953, 13.6912, 15.0017



Tritanopia

12.5629, 13.7700, 18.2154

Trichromacy



Original Color

11.8807, 13.8083, 14.6095

Protanomaly

12.6074, 13.7326, 14.0428

Deuteranomaly

13.1241, 13.6830, 14.7813

Tritanomaly

12.2886, 13.8148, 16.7707

Monochromacy



Original Color

11.8807, 13.8083, 14.6095

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.2784, 13.4013, 14.5099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8807, 13.8083, 14.6095 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, 108, 102) looks like.

```
.text, #text, p{  
    color:rgb(89, 108, 102)  
}
```

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, 108, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 108, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.8807, 13.8083, 14.6095 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, 108, 102) }
```


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

```
.border{ border-color:rgb(89, 108, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 108, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 108, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 108, 102);  
box-shadow:4px 4px 4px 4px rgb(89, 108,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8807, 13.8083, 14.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 108, 102) }
```

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

```
.background{ background-color: rgb(89, 108,  
102) }
```

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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