

Converting Colors

XYZ(11.6741, 13.6985, 14.7980)

Have a look what the booklet for
XYZ(11.6741, 13.6985, 14.7980)
contains.

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Color

**XYZ(11.6485, 13.6828,
14.8591)**

Conversions

Conversions Part 1

Format	Color
Hex	566C67
RGB	86, 108, 103
RGB Percent	34%, 42%, 40%
CMY	0.6627, 0.5765, 0.5961
CMYK	0.20, 0.00, 0.05, 0.58
HSL	166°, 11%, 38%
HSV	166°, 20%, 42%
XYZ	11.6485, 13.6828, 14.8591
YIQ	100.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

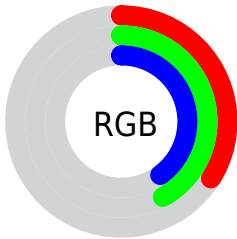
Format	Color
R_{YB}	86, 98, 108
Decimal	5663847
CIE _{Lab}	43.77, -9.29, 0.09
CIE _{LCh}	44, 9.290, 179.443
Yxy	13.6828, 0.2898, 0.3404
Android (android.graphics.Color)	4283853927 (0xFF566C67)
YUV	100.8520, 1.0590, -13.0252
Hunter-Lab	36.9903, -8.5220, 2.0762

Details

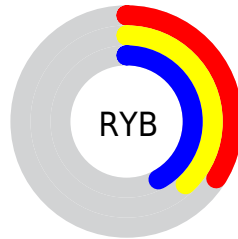
The XYZ color **11.6485, 13.6828, 14.8591** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4009, 10.5994, 11.3431**, and the grayscale version is **12.3312, 12.9734, 14.1281**.

A 20% lighter version of the original color is **28.3842, 32.3636, 35.3226**, and **3.2576, 4.0741, 4.3561** is the 20% darker color. If you saturate the color by 10%, you get **10.6070, 13.1603, 14.1767**, and if you desaturate by 10%, it is **12.8447, 14.2854, 15.5682**.

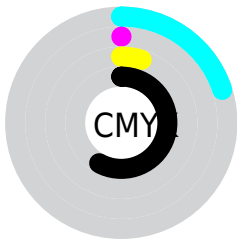
Distribution



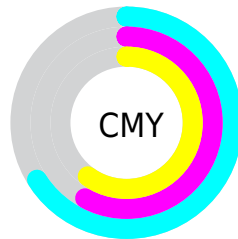
- Red (34%)
- Green (42%)
- Blue (40%)



- Red (34%)
- Yellow (38%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6485, 13.6828, 14.8591 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 11.6485, 13.6828, 14.8591 by changing the saturation by 10% instead.

■ 11.6485, 13.6828,
14.8591

■ 11.6485, 13.6828,
14.8591

195.8820,
215.2485, 234.1231

■ 6.5753, 7.9004,
8.5750

■ 28.4757, 32.5251,
35.3446

■ 3.2419, 4.0313,
4.3720

■ 40.9605, 46.3538,
50.3831

■ 1.2829, 1.6911,
1.8316

■ 56.6464, 63.6334,
69.1769

■ 0.1704, 0.4179,
0.4487

■ 75.8990, 84.7483,
92.1444

■ 0.0000, 0.0000,
0.0000

■ 99.0834, 110.0829,
119.7043

126.5652,

140.0215, 152.2750

158.7096,
174.9485, 190.2751

■ 11.6485, 13.6828,
14.8591

■ 11.6485, 13.6828,
14.8591

■ 10.6070, 13.1603,
14.1767

■ 12.8447, 14.2854,
15.5682

■ 9.7122, 12.7126,
13.5197

■ 14.2008, 14.9696,
16.3035

■ 8.9573, 12.3367,
12.8877

■ 15.7232, 15.7391,
17.0659

■ 8.3345, 12.0284,
12.2804

■ 17.4174, 16.5968,
17.8556

■ 7.8350, 11.7833,
11.6970

■ 19.2889, 17.5454,
18.6731

■ 7.4490, 11.5963,
11.1371

■ 21.3428, 18.5876,
19.5189

■ 7.1653, 11.4616,
10.5998

■ 23.5840, 19.7260,
20.3932

■ 6.9416, 11.3571,
10.1015

■ 26.0174, 20.9630,
21.2965

■ 28.6475, 22.3009,
22.2291

Harmonies

Analogous

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



11.8309, 13.6828, 12.9424



11.6485, 13.6828, 14.8591



11.8181, 13.6828, 16.9677

Triad

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



11.6485, 13.6828, 14.8591



13.7089, 13.6828, 18.6894



13.7335, 13.6828, 11.6912

Complementary

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



11.6485, 13.6828, 14.8591



11.4009, 10.5994, 11.3431

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.



14.2690, 13.6828, 13.0043



11.6485, 13.6828, 14.8591



14.2545, 13.6828, 17.0418

Square

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



11.6485, 13.6828, 14.8591



12.9914, 13.6828, 19.3010



14.4631, 13.6828, 14.9375



13.0188, 13.6828, 11.2218

Rectangle

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



11.6485, 13.6828, 14.8591



12.1117, 13.6828, 18.1736



14.4631, 13.6828, 14.9375



13.9414, 13.6828, 12.0421

Sweetspot

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



11.6489, 13.6834, 14.8594



23.5165, 25.5663, 27.8683



11.3702, 13.6285, 10.8357



5.6666, 6.1753, 6.7314



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.



11.6489, 13.6834, 14.8594



19.6348, 23.6121, 25.5679



11.3094, 12.5906, 16.0221



3.1538, 3.4807, 3.7939



8.2689, 13.5417, 11.9933



41.7938, 68.8646, 59.3204

Inverse Universe

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



11.4009, 10.5994, 11.3431



19.1235, 17.2477, 18.3130



11.6801, 11.4917, 10.4069



3.1253, 3.1270, 3.3904



7.5705, 3.8803, 1.3666



38.2917, 19.6586, 5.4726

Previews

White Background



This preview shows how the XYZ color 11.6485, 13.6828, 14.8591 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 11.6485, 13.6828, 14.8591 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

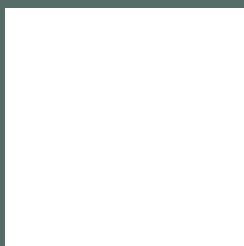
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.6485, 13.6828, 14.8591

Background



This preview shows how black text looks on a background with the XYZ color 11.6485, 13.6828, 14.8591.



This preview shows how white text looks on a background with the XYZ color 11.6485, 13.6828,

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

11.6485, 13.6828, 14.8591

Protanopia

13.0944, 13.6848, 14.0079

Deuteranopia

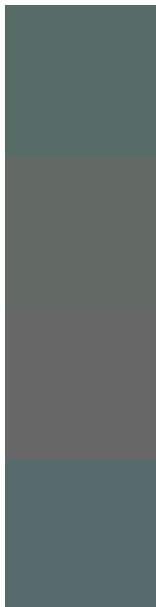
13.7891, 13.5790, 15.2588



Tritanopia

12.2730, 13.6206, 18.2018

Trichromacy



Original Color

11.6485, 13.6828, 14.8591

Protanomaly

12.5461, 13.6954, 14.2941

Deuteranomaly

12.9425, 13.5835, 15.0364

Tritanomaly

12.0574, 13.6893, 17.0457

Monochromacy



Original Color

11.6485, 13.6828, 14.8591

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1725, 13.3467, 14.5050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6485, 13.6828, 14.8591 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(86, 108, 103) looks like.

```
.text, #text, p{  
    color:rgb(86, 108, 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(86, 108, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 108, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.6485, 13.6828, 14.8591 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(86, 108, 103) }
```


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

```
.border{ border-color:rgb(86, 108, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 108, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 108, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 108, 103);  
box-shadow:4px 4px 4px 4px rgb(86, 108,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6485, 13.6828, 14.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 108, 103) }
```

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

```
.background{ background-color: rgb(86, 108,  
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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