

Converting Colors

XYZ(11.9662, 14.8079, 16.3324)

Have a look what the booklet for
XYZ(11.9662, 14.8079, 16.3324)
contains.

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Color

**XYZ(11.9485, 14.7796,
16.4104)**

Conversions

Conversions Part 1

Format	Color
Hex	4F726C
RGB	79, 114, 108
RGB Percent	31%, 45%, 42%
CMY	0.6902, 0.5529, 0.5765
CMYK	0.31, 0.00, 0.05, 0.55
HSL	170°, 18%, 38%
HSV	170°, 31%, 45%
XYZ	11.9485, 14.7796, 16.4104
YIQ	102.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

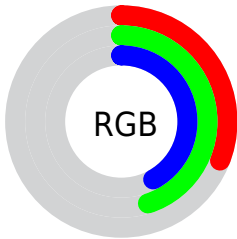
Format	Color
RYB	79, 98, 114
Decimal	5206636
CIELab	45.33, -13.88, -0.69
CIElCh	45, 13.901, 182.853
Yxy	14.7796, 0.2770, 0.3426
Android (android.graphics.Color)	4283396716 (0xFF4F726C)
YUV	102.8510, 2.5385, -20.9173
Hunter-Lab	38.4442, -11.7995, 1.6023

Details

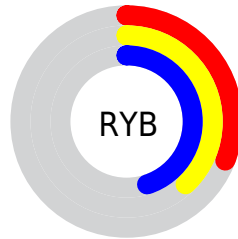
The XYZ color **11.9485, 14.7796, 16.4104** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.3756, 9.8255, 9.8917**, and the grayscale version is **12.8501, 13.5194, 14.7226**.

A 20% lighter version of the original color is **28.9475, 34.4428, 37.9233**, and **3.3862, 4.5404, 5.1128** is the 20% darker color. If you saturate the color by 10%, you get **10.9776, 14.2914, 15.8282**, and if you desaturate by 10%, it is **13.0852, 15.3538, 17.0131**.

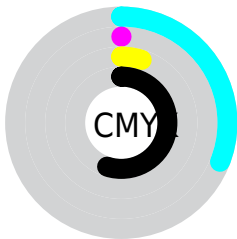
Distribution



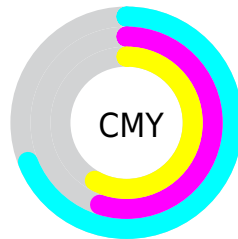
- Red (31%)
- Green (45%)
- Blue (42%)



- Red (31%)
- Yellow (38%)
- Blue (45%)



- Cyan (31%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



- Cyan (69%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9485, 14.7796, 16.4104 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 11.9485, 14.7796, 16.4104 by changing the saturation by 10% instead.

■ 11.9485, 14.7796,
16.4104

■ 11.9485, 14.7796,
16.4104

197.8409,
222.0283, 243.6792

■ 6.7806, 8.6648,
9.6575

■ 29.0189, 34.4661,
38.0859

■ 3.3704, 4.5232,
5.0699

■ 41.6522, 48.8066,
53.8456

■ 1.3525, 1.9703,
2.2289

■ 57.5045, 66.6578,
73.4446

■ 0.2220, 0.5902,
0.6909

■ 76.9414, 88.4041,
97.3016

■ 0.0000, 0.0000,
0.0000

■ 100.3281,
114.4299, 125.8350

128.0300,

145.1196, 159.4634

160.4125,
180.8576, 198.6053

■ 11.9485, 14.7796,
16.4104

■ 11.9485, 14.7796,
16.4104

■ 10.9776, 14.2914,
15.8282

■ 13.0852, 15.3538,
17.0131

■ 10.1630, 13.8830,
15.2652

■ 14.3942, 16.0162,
17.6359

■ 9.4961, 13.5506,
14.7210

■ 15.8832, 16.7711,
18.2794

■ 8.9667, 13.2888,
14.1953

■ 17.5589, 17.6220,
18.9440

■ 8.5638, 13.0919,
13.6873

■ 19.4279, 18.5722,
19.6302

■ 8.2743, 12.9532,
13.1965

■ 21.4962, 19.6250,
20.3383

■ 8.0585, 12.8515,
12.7531

■ 23.7698, 20.7832,
21.0686

■ 26.2543, 22.0499,
21.8214

■ 28.9550, 23.4278,
22.5972

Harmonies

Analogous

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



12.1665, 14.7796, 13.3669



11.9485, 14.7796, 16.4104



12.2670, 14.7796, 19.7867

Triad

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



11.9485, 14.7796, 16.4104



15.2843, 14.7796, 22.0344



15.0831, 14.7796, 11.0800

Complementary

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



11.9485, 14.7796, 16.4104



11.3756, 9.8255, 9.8917

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.



15.9926, 14.7796, 12.8893



11.9485, 14.7796, 16.4104



16.1132, 14.7796, 19.1654

Square

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



11.9485, 14.7796, 16.4104



14.1581, 14.7796, 23.2998



16.3791, 14.7796, 15.7787



13.9376, 14.7796, 10.5497

Rectangle

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



11.9485, 14.7796, 16.4104



12.7514, 14.7796, 21.6998



16.3791, 14.7796, 15.7787



15.4287, 14.7796, 11.5453

Sweetspot

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



11.9489, 14.7802, 16.4107



25.6585, 28.3288, 31.1541



11.2132, 14.5506, 9.6148



5.8677, 6.5179, 7.1751



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.9489, 14.7802, 16.4107



19.7314, 25.3349, 28.0917



11.1041, 12.5616, 17.7597



3.4516, 3.8058, 4.1845



8.9650, 14.3035, 14.1682



44.3800, 71.1407, 69.1118

Inverse Universe

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



11.3756, 9.8255, 9.8917



18.5507, 15.1168, 14.6565



12.0144, 11.4687, 8.9777



3.4057, 3.4100, 3.6632



7.8562, 4.0348, 1.0525



38.9066, 20.0080, 4.0405

Previews

White Background



This preview shows how the XYZ color 11.9485, 14.7796, 16.4104 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 11.9485, 14.7796, 16.4104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

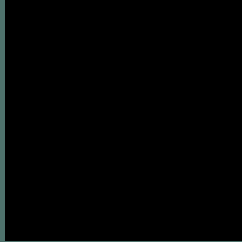
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

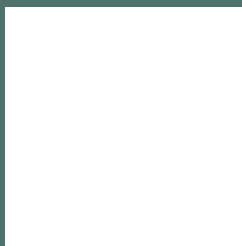
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9485, 14.7796, 16.4104

Background



This preview shows how black text looks on a background with the XYZ color 11.9485, 14.7796, 16.4104.



This preview shows how white text looks on a background with the XYZ color 11.9485, 14.7796,

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

11.9485, 14.7796, 16.4104

Protanopia

14.0831, 14.6225, 15.1769

Deuteranopia

14.9672, 14.7394, 16.8080



Tritanopia

12.7250, 14.7627, 20.2680

Trichromacy



Original Color

11.9485, 14.7796, 16.4104

Protanomaly

13.1640, 14.6098, 15.4908

Deuteranomaly

13.7164, 14.7128, 16.5849

Tritanomaly

12.4509, 14.8205, 18.7274

Monochromacy



Original Color

11.9485, 14.7796, 16.4104

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.4236, 13.9150, 15.3957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9485, 14.7796, 16.4104 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(79, 114, 108)` looks like.

```
.text, #text, p{  
    color:rgb(79, 114, 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(79, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 114, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.9485, 14.7796, 16.4104 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(79, 114, 108) }
```


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

```
.border{ border-color:rgb(79, 114, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 114, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 114, 108);  
box-shadow:4px 4px 4px 4px rgb(79, 114,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9485, 14.7796, 16.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 114, 108) }
```

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

```
.background{ background-color: rgb(79, 114,  
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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