

Converting Colors

XYZ(11.4875, 14.2628, 16.0295)

Have a look what the booklet for
XYZ(11.4875, 14.2628, 16.0295)
contains.

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Color

**XYZ(11.4285, 14.1864,
16.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	4C706B
RGB	76, 112, 107
RGB Percent	30%, 44%, 42%
CMY	0.7020, 0.5608, 0.5804
CMYK	0.32, 0.00, 0.04, 0.56
HSL	172°, 19%, 37%
HSV	172°, 32%, 44%
XYZ	11.4285, 14.1864, 16.0458
YIQ	100.6660, -19.8510, -9.1870

Conversions

Conversions Part 2

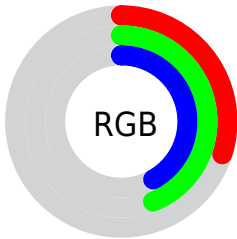
Format	Color
R_{YB}	76, 95, 112
Decimal	5009515
CIE _{Lab}	44.50, -13.99, -1.33
CIE _{LCh}	44, 14.049, 185.439
Yxy	14.1864, 0.2743, 0.3405
Android (android.graphics.Color)	4283199595 (0xFF4C706B)
YUV	100.6660, 3.1227, -21.6321
Hunter-Lab	37.6648, -11.7519, 1.1069

Details

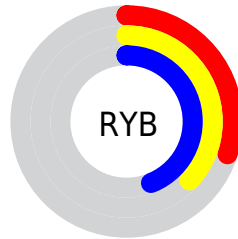
The XYZ color **11.4285, 14.1864, 16.0458** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.7522, 9.2081, 8.9958**, and the grayscale version is **12.2798, 12.9193, 14.0691**.

A 20% lighter version of the original color is **28.0512, 33.4552, 37.3268**, and **3.1557, 4.2542, 4.9298** is the 20% darker color. If you saturate the color by 10%, you get **10.5340, 13.7350, 15.5807**, and if you desaturate by 10%, it is **12.4803, 14.7194, 16.5266**.

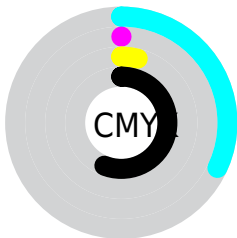
Distribution



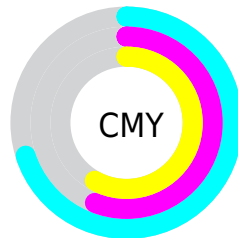
- Red (30%)
- Green (44%)
- Blue (42%)



- Red (30%)
- Yellow (37%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (70%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4285, 14.1864, 16.0458 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 11.4285, 14.1864, 16.0458 by changing the saturation by 10% instead.

■ 11.4285, 14.1864,
16.0458

■ 11.4285, 14.1864,
16.0458

194.4324,
218.3874, 241.4668

■ 6.4252, 8.2504,
9.4019

■ 28.0758, 33.4194,
37.4456

■ 3.1484, 4.2556,
4.9038

■ 40.4506, 47.4852,
53.0385

■ 1.2327, 1.8175,
2.1332

■ 56.0133, 65.0298,
72.4515

■ 0.1320, 0.4981,
0.6354

■ 75.1292, 86.4374,
96.1032

■ 0.0000, 0.0000,
0.0000

■ 98.1637, 112.0927,
124.4120

125.4822,

142.3798, 157.7965

157.4499,
177.6832, 196.6752

■ 11.4285, 14.1864,
16.0458

■ 11.4285, 14.1864,
16.0458

■ 10.5340, 13.7350,
15.5807

■ 12.4803, 14.7194,
16.5266

■ 9.7875, 13.3594,
15.1298

■ 13.6955, 15.3362,
17.0224

■ 9.1806, 13.0555,
14.6931

■ 15.0816, 16.0409,
17.5341

■ 8.7036, 12.8185,
14.2701

■ 16.6452, 16.8369,
18.0618

■ 8.3456, 12.6427,
13.8602

■ 18.3925, 17.7274,
18.6060

■ 8.0934, 12.5212,
13.4627

■ 20.3293, 18.7154,
19.1669

■ 7.9262, 12.4416,
13.1570

■ 22.4613, 19.8040,
19.7450

■ 24.7941, 20.9958,
20.3403

■ 27.3327, 22.2935,
20.9533

Harmonies

Analogous

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



11.5971, 14.1864, 12.9948



11.4285, 14.1864, 16.0458



11.7850, 14.1864, 19.3556

Triad

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



11.4285, 14.1864, 16.0458



14.7873, 14.1864, 21.1101



14.4100, 14.1864, 10.4369

Complementary

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



11.4285, 14.1864, 16.0458



10.7522, 9.2081, 8.9958

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.



15.3384, 14.1864, 12.1028



11.4285, 14.1864, 16.0458



15.5646, 14.1864, 18.1888

Square

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



11.4285, 14.1864, 16.0458



13.6914, 14.1864, 22.5303



15.7717, 14.1864, 14.8625



13.2782, 14.1864, 10.0291

Rectangle

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



11.4285, 14.1864, 16.0458



12.2849, 14.1864, 21.1778



15.7717, 14.1864, 14.8625



14.7582, 14.1864, 10.8556

Sweetspot

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



11.4289, 14.1870, 16.0461



24.4934, 27.1617, 30.0699



10.5268, 13.8778, 8.9616



5.8237, 6.4946, 7.2009



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.



11.4289, 14.1870, 16.0461



18.8161, 24.2850, 27.5415



10.4054, 11.7065, 17.0411



3.4560, 3.8076, 4.2076



9.1566, 14.3802, 15.1775



45.3763, 71.5392, 74.3582

Inverse Universe

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



10.7522, 9.2081, 8.9958



17.4195, 13.9950, 12.9801



11.5263, 11.0454, 8.3622



3.4016, 3.4084, 3.6418



7.8234, 4.0217, 0.8800



38.7753, 19.9555, 3.3492

Previews

White Background



This preview shows how the XYZ color 11.4285, 14.1864, 16.0458 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 11.4285, 14.1864, 16.0458 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

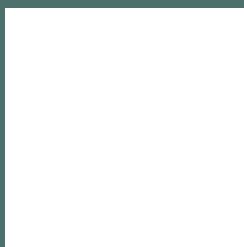
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4285, 14.1864, 16.0458

Background



This preview shows how black text looks on a background with the XYZ color 11.4285, 14.1864, 16.0458.



This preview shows how white text looks on a background with the XYZ color 11.4285, 14.1864,

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

11.4285, 14.1864, 16.0458

Protanopia

13.4619, 14.0057, 14.8258

Deuteranopia

14.3217, 14.1176, 16.4381



Tritanopia

12.1302, 14.1460, 19.5439

Trichromacy



Original Color

11.4285, 14.1864, 16.0458

Protanomaly

12.5803, 14.0017, 15.1362

Deuteranomaly

13.1163, 14.1001, 16.2176

Tritanomaly

11.9208, 14.2264, 18.3373

Monochromacy



Original Color

11.4285, 14.1864, 16.0458

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.9134, 13.3577, 14.7824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4285, 14.1864, 16.0458 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(76, 112, 107)` looks like.

```
.text, #text, p{  
    color:rgb(76, 112, 107)  
}
```

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(76, 112, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 112, 107) }
```

Border

The CSS property to change the border of an element to XYZ 11.4285, 14.1864, 16.0458 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(76, 112, 107) }
```


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

```
.border{ border-color:rgb(76, 112, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 112, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 112, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 112, 107);  
box-shadow:4px 4px 4px 4px rgb(76, 112,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4285, 14.1864, 16.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 112, 107) }
```

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

```
.background{ background-color: rgb(76, 112,  
107) }
```

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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