

Converting Colors

XYZ(14.6540, 14.8589, 19.4185)

Have a look what the booklet for
XYZ(14.6540, 14.8589, 19.4185)
contains.

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Color

**XYZ(14.6681, 14.8281,
19.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6A77
RGB	108, 106, 119
RGB Percent	42%, 42%, 47%
CMY	0.5765, 0.5843, 0.5333
CMYK	0.09, 0.11, 0.00, 0.53
HSL	249°, 6%, 44%
HSV	249°, 11%, 47%
XYZ	14.6681, 14.8281, 19.5418
YIQ	108.0800, -2.9810, 4.4670

Conversions

Conversions Part 2

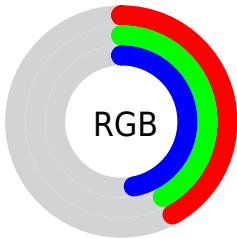
Format	Color
R_{YB}	108, 106, 119
Decimal	7105143
CIE Lab	45.40, 3.55, -6.96
CIE LCh	45, 7.809, 297.022
Yxy	14.8281, 0.2991, 0.3024
Android (android.graphics.Color)	4285295223 (0xFF6C6A77)
YUV	108.0800, 5.3836, -0.0702
Hunter-Lab	38.5073, 0.6061, -3.1336

Details

The XYZ color **14.6681, 14.8281, 19.5418** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5351, 18.0166, 16.2425**, and the grayscale version is **14.2626, 15.0054, 16.3408**.

A 20% lighter version of the original color is **33.7057, 34.4251, 43.3963**, and **4.6258, 4.5750, 6.6005** is the 20% darker color. If you saturate the color by 10%, you get **12.3711, 11.9483, 19.1072**, and if you desaturate by 10%, it is **17.2777, 18.1225, 20.0404**.

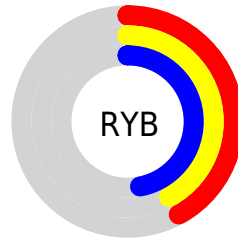
Distribution



Red (42%)

Green (42%)

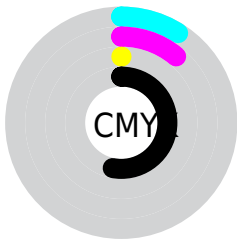
Blue (47%)



Red (42%)

Yellow (42%)

Blue (47%)

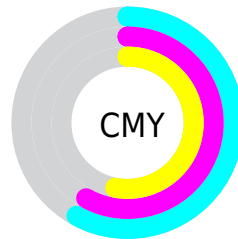


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6681, 14.8281, 19.5418 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 14.6681, 14.8281, 19.5418 by changing the saturation by 10% instead.

■ 14.6681, 14.8281,
19.5418

■ 14.6681, 14.8281,
19.5418

214.7769,
222.3234, 261.9454

■ 8.6716, 8.6988,
11.8817

■ 33.8463, 34.5513,
43.4965

■ 4.5830, 4.5453,
6.5416

■ 47.7587, 48.9141,
60.6280

■ 2.0369, 1.9830,
3.1030

■ 65.0405, 66.7901,
81.7539

■ 0.6546, 0.5976,
1.1475

■ 86.0570, 88.5638,
107.2925

■ 0.0000, 0.0000,
0.0000

111.1735,
114.6196, 137.6624

140.7554,

145.3419, 173.2821

175.1681,
181.1150, 214.5703

■ 14.6681, 14.8281,
19.5418

■ 14.6681, 14.8281,
19.5418

■ 12.3711, 11.9483,
19.1072

■ 17.2777, 18.1225,
20.0404

■ 10.3735, 9.4649,
18.7332

■ 20.2098, 21.8450,
20.6044

■ 8.6635, 7.3609,
18.4172

■ 23.4753, 26.0111,
21.2364

■ 7.2274, 5.6176,
18.1564

■ 27.0842, 30.6347,
21.9386

■ 6.0510, 4.2144,
17.9475

■ 31.0464, 35.7292,
22.7131

■ 5.1182, 3.1288,
17.7872

■ 35.3711, 41.3074,
23.5619

■ 4.4115, 2.3357,
17.6713

■ 40.0671, 47.3816,
24.4868

■ 3.9108, 1.8057,
17.5954

■ 45.1432, 53.9637,
25.4898

■ 3.5848, 1.4634,
17.5465

■ 50.6076, 61.0652,
26.5725

Harmonies

Analogous

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



14.0290, 14.8281, 19.9826



14.6681, 14.8281, 19.5418



15.1663, 14.8281, 18.1691

Triad

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



14.6681, 14.8281, 19.5418



14.7837, 14.8281, 13.3297



12.8842, 14.8281, 15.9604

Complementary

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



14.6681, 14.8281, 19.5418



16.5351, 18.0166, 16.2425

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.



13.0728, 14.8281, 14.2776



14.6681, 14.8281, 19.5418



14.1586, 14.8281, 12.8336

Square

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



14.6681, 14.8281, 19.5418



15.2345, 14.8281, 14.5758



13.5344, 14.8281, 13.1671



13.0113, 14.8281, 17.8236

Rectangle

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



14.6681, 14.8281, 19.5418



15.3446, 14.8281, 16.9610



13.5344, 14.8281, 13.1671



12.9126, 14.8281, 15.3561

Sweetspot

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



14.6685, 14.8287, 19.5421



29.8849, 31.1178, 35.6843



15.6412, 17.1307, 19.9352



7.0001, 7.2706, 8.4411



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.6685, 14.8287, 19.5421



25.2262, 25.2454, 34.7964



15.4824, 15.2483, 19.5802



3.5482, 3.6144, 4.6009



3.8026, 1.5517, 18.6416



18.0542, 7.3158, 90.8208

Inverse Universe

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



15.9732, 15.5150, 18.9833



28.0370, 26.7244, 33.5764



15.6979, 17.5850, 16.2033



3.8036, 3.7487, 4.4926



10.5605, 5.1579, 13.4257



51.2077, 25.0332, 64.0825

Previews

White Background



This preview shows how the XYZ color 14.6681, 14.8281, 19.5418 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 14.6681, 14.8281, 19.5418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

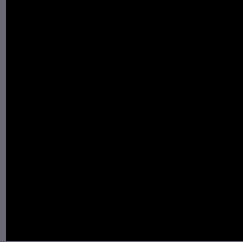
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6681, 14.8281, 19.5418

Background



This preview shows how black text looks on a background with the XYZ color 14.6681, 14.8281, 19.5418.



This preview shows how white text looks on a background with the XYZ color 14.6681, 14.8281,

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

14.6681, 14.8281, 19.5418

Protanopia

14.5313, 14.9115, 19.5651

Deuteranopia

15.0634, 14.8798, 19.5309



Tritanopia

14.4156, 14.8790, 18.3318

Trichromacy



Original Color

14.6681, 14.8281, 19.5418

Protanomaly

14.6509, 14.9731, 19.5707

Deuteranomaly

14.9369, 14.8146, 19.5250

Tritanomaly

14.4735, 14.9021, 18.6366

Monochromacy



Original Color

14.6681, 14.8281, 19.5418

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3667, 14.8734, 17.4429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6681, 14.8281, 19.5418 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(108, 106, 119)` looks like.

```
.text, #text, p{  
    color:rgb(108, 106, 119)  
}
```

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(108, 106, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 106, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.6681, 14.8281, 19.5418 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(108, 106, 119) }
```


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

```
.border{ border-color:rgb(108, 106, 119) }
```

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

Here you see how a box with a 4 pixel rgb(108, 106, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 106, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 106, 119);  
box-shadow:4px 4px 4px 4px rgb(108, 106,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6681, 14.8281, 19.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 106, 119) }
```

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

```
.background{ background-color: rgb(108,  
106, 119) }
```

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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