

Converting Colors

XYZ(14.6208, 16.5959, 19.8855)

Have a look what the booklet for
XYZ(14.6208, 16.5959, 19.8855)
contains.

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Color

**XYZ(14.6208, 16.5959,
19.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	617577
RGB	97, 117, 119
RGB Percent	38%, 46%, 47%
CMY	0.6196, 0.5412, 0.5333
CMYK	0.18, 0.02, 0.00, 0.53
HSL	185°, 10%, 42%
HSV	185°, 18%, 47%
XYZ	14.6208, 16.5959, 19.8855
YIQ	111.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

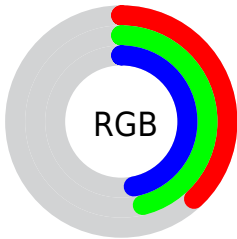
Format	Color
R _Y B	97, 107, 119
Decimal	6387063
CIE Lab	47.75, -6.87, -3.56
CIE LCh	48, 7.735, 207.433
Yxy	16.5959, 0.2861, 0.3248
Android (android.graphics.Color)	4284577143 (0xFF617577)
YUV	111.2480, 3.8217, -12.4955
Hunter-Lab	40.7381, -7.2284, -0.4246

Details

The XYZ color **14.6208, 16.5959, 19.8855** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2273, 13.7085, 13.2056**, and the grayscale version is **15.1737, 15.9639, 17.3847**.

A 20% lighter version of the original color is **33.7514, 37.6121, 44.0091**, and **4.5808, 5.3893, 6.7600** is the 20% darker color. If you saturate the color by 10%, you get **13.3217, 15.7407, 19.7892**, and if you desaturate by 10%, it is **16.1126, 17.5534, 19.9920**.

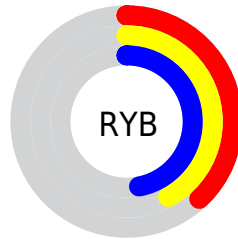
Distribution



Red (38%)

Green (46%)

Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

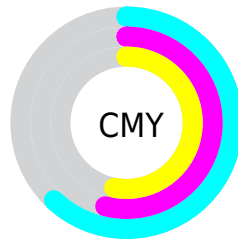


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6208, 16.5959, 19.8855 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 14.6208, 16.5959, 19.8855 by changing the saturation by 10% instead.

■ 14.6208, 16.5959,
19.8855

■ 14.6208, 16.5959,
19.8855

214.4936,
232.8328, 263.8783

■ 8.6383, 9.9468,
12.1286

■ 33.7637, 37.6297,
44.0816

■ 4.5612, 5.3637,
6.7077

■ 47.6548, 52.7831,
61.3578

■ 2.0243, 2.4622,
3.2043

■ 64.9128, 71.5402,
82.6443

■ 0.6475, 0.8576,
1.1999

■ 85.9030, 94.2852,
108.3594

■ 0.0000, 0.0000,
0.0000

110.9909,
121.4025, 138.9219

140.5417,

153.2767, 174.7502

174.9208,
190.2919, 216.2628

■ 14.6208, 16.5959,
19.8855

■ 14.6208, 16.5959,
19.8855

■ 13.3217, 15.7407,
19.7892

■ 16.1126, 17.5534,
19.9920

■ 12.2053, 14.9815,
19.7015

■ 17.8035, 18.6153,
20.1078

■ 11.2632, 14.3142,
19.6223

■ 19.7015, 19.7862,
20.2338

■ 10.4853, 13.7338,
19.5513

■ 21.8138, 21.0696,
20.3702

■ 9.8609, 13.2346,
19.4878

■ 24.1469, 22.4691,
20.5173

■ 9.3777, 12.8103,
19.4314

■ 26.7074, 23.9881,
20.6756

■ 9.0217, 12.4537,
19.3813

■ 29.5015, 25.6296,
20.8451

■ 8.7526, 12.1440,
19.3358

■ 32.5352, 27.3968,
21.0264

■ 8.7128, 12.0978,
19.3289

■ 35.8140, 29.2927,
21.2195

Harmonies

Analogous

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



14.4801, 16.5959, 17.8998



14.6208, 16.5959, 19.8855



15.0676, 16.5959, 21.4800

Triad

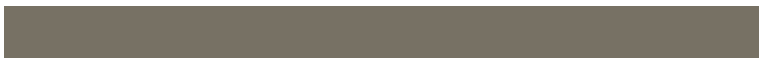
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.6208, 16.5959, 19.8855



16.9235, 16.5959, 20.2026



15.8336, 16.5959, 14.5203

Complementary

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



14.6208, 16.5959, 19.8855



14.2273, 13.7085, 13.2056

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.



16.5019, 16.5959, 15.0416



14.6208, 16.5959, 19.8855



17.1426, 16.5959, 18.2415

Square

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



14.6208, 16.5959, 19.8855



16.3957, 16.5959, 21.6724



16.9861, 16.5959, 16.3687



15.1681, 16.5959, 14.8909

Rectangle

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



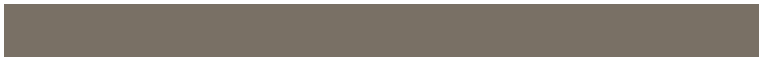
14.6208, 16.5959, 19.8855



15.4858, 16.5959, 22.0557



16.9861, 16.5959, 16.3687



16.0655, 16.5959, 14.5961

Sweetspot

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



14.6213, 16.5966, 19.8859



29.5272, 31.8597, 35.8464



13.7710, 16.6330, 14.2475



6.9635, 7.5289, 8.4929



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.



14.6213, 16.5966, 19.8859



25.1942, 29.0741, 35.5371



13.4310, 14.2160, 19.4891



3.7563, 4.1012, 4.6839



9.2531, 12.8459, 20.5344



44.7644, 61.9454, 99.9576

Inverse Universe

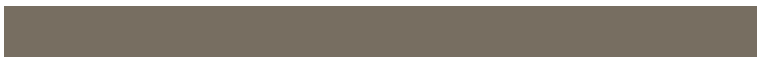
The Inverse Universe completely reimagines the original color for something new.



15.0937, 13.7559, 18.6901



26.2046, 23.0595, 32.9657



15.3236, 15.9012, 13.5710



3.8130, 3.7525, 4.5420



10.9677, 5.3208, 15.5698



53.2818, 25.8628, 75.0042

Previews

White Background



This preview shows how the XYZ color 14.6208, 16.5959, 19.8855 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 14.6208, 16.5959, 19.8855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

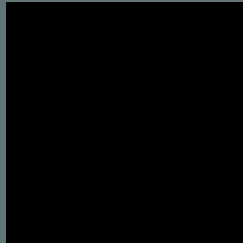
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6208, 16.5959, 19.8855

Background



This preview shows how black text looks on a background with the XYZ color 14.6208, 16.5959, 19.8855.



This preview shows how white text looks on a background with the XYZ color 14.6208, 16.5959,

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

14.6208, 16.5959, 19.8855

Protanopia

15.8860, 16.4267, 18.8564

Deuteranopia

16.8513, 16.5729, 20.0800



Tritanopia

14.9841, 16.5681, 21.8103

Trichromacy



Original Color

14.6208, 16.5959, 19.8855

Protanomaly

15.4125, 16.5071, 19.2035

Deuteranomaly

15.9774, 16.6111, 20.1335

Tritanomaly

14.8575, 16.5175, 21.1440

Monochromacy



Original Color

14.6208, 16.5959, 19.8855

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8862, 16.0893, 18.2406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6208, 16.5959, 19.8855 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(97, 117, 119) looks like.

```
.text, #text, p{  
    color:rgb(97, 117, 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(97, 117, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 117, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.6208, 16.5959, 19.8855 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(97, 117, 119) }
```


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

```
.border{ border-color:rgb(97, 117, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 117, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 117, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 117, 119);  
box-shadow:4px 4px 4px 4px rgb(97, 117,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6208, 16.5959, 19.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 117, 119) }
```

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

```
.background{ background-color: rgb(97, 117,  
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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