

Converting Colors

XYZ(17.9657, 17.3918, 31.2642)

Have a look what the booklet for
XYZ(17.9657, 17.3918, 31.2642)
contains.

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Color

**XYZ(17.9657, 17.3918,
31.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7196
RGB	111, 113, 150
RGB Percent	44%, 44%, 59%
CMY	0.5647, 0.5569, 0.4118
CMYK	0.26, 0.25, 0.00, 0.41
HSL	237°, 16%, 51%
HSV	237°, 26%, 59%
XYZ	17.9657, 17.3918, 31.2642
YIQ	116.6200, -13.0690, 11.0830

Conversions

Conversions Part 2

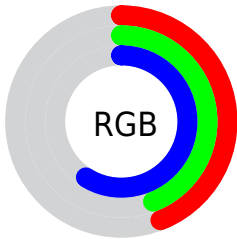
Format	Color
R _Y B	111, 113, 150
Decimal	7303574
CIE Lab	48.75, 7.85, -20.31
CIE LCh	49, 21.773, 291.146
Yxy	17.3918, 0.2697, 0.2611
Android (android.graphics.Color)	4285493654 (0xFF6F7196)
YUV	116.6200, 16.4563, -4.9287
Hunter-Lab	41.7035, 3.9160, -15.2560

Details

The XYZ color **17.9657, 17.3918, 31.2642** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.0370, 28.8116, 19.2284**, and the grayscale version is **16.7453, 17.6173, 19.1853**.

A 20% lighter version of the original color is **39.4585, 39.0564, 62.5857**, and **6.1290, 5.7056, 12.5826** is the 20% darker color. If you saturate the color by 10%, you get **14.7694, 13.5695, 30.6952**, and if you desaturate by 10%, it is **21.7291, 21.8768, 31.9318**.

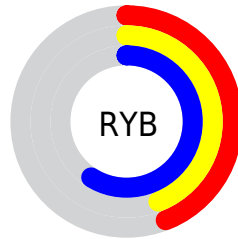
Distribution



Red (44%)

Green (44%)

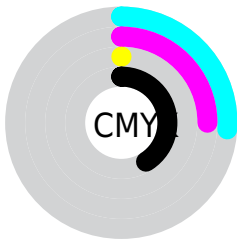
Blue (59%)



Red (44%)

Yellow (44%)

Blue (59%)

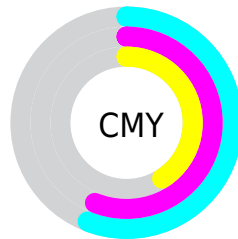


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (41%)



Cyan (56%)

Magenta (56%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9657, 17.3918, 31.2642 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 17.9657, 17.3918, 31.2642 by changing the saturation by 10% instead.

■ 17.9657, 17.3918,
31.2642

■ 17.9657, 17.3918,
31.2642

233.7270,
237.4202, 322.1425

■ 11.0249, 10.5142,
20.5400

■ 39.5094, 38.9982,
62.7402

■ 6.1510, 5.7412,
12.6002

■ 54.8430, 54.4958,
84.3291

■ 2.9786, 2.6884,
7.0263

■ 73.7050, 73.6356,
110.3766

■ 1.1425, 0.9713,
3.3999

■ 96.4606, 96.8018,
141.3013

■ 0.0602, 0.0000,
1.3023

123.4753,
124.3791, 177.5217

■ 0.0000, 0.0000,
0.0636

155.1143,

■ 0.0000, 0.0000,

156.7516, 219.4563

0.0000

191.7431,
194.3038, 267.5237

■ 17.9657, 17.3918,
31.2642

■ 17.9657, 17.3918,
31.2642

■ 14.7694, 13.5695,
30.6952

■ 21.7291, 21.8768,
31.9318

■ 12.1111, 10.3765,
30.2190

■ 26.0833, 27.0517,
32.7012

■ 9.9616, 7.7797,
29.8310

■ 31.0530, 32.9446,
33.5767

■ 8.2885, 5.7420,
29.5259

■ 36.6607, 39.5814,
34.5622

■ 7.0553, 4.2224,
29.2976

■ 42.9280, 46.9869,
35.6613

■ 6.2207, 3.1741,
29.1392

■ 49.8754, 55.1845,
36.8774

■ 5.7291, 2.5387,
29.0425

■ 57.5225, 64.1969,
38.2139

■ 5.5886, 2.3691,
29.0172

■ 65.8880, 74.0457,
39.6740

■ 74.9901, 84.7516,
41.2607

Harmonies

Analogous

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



15.9421, 17.3918, 32.1299



17.9657, 17.3918, 31.2642



19.7299, 17.3918, 26.7726

Triad

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



17.9657, 17.3918, 31.2642



19.0781, 17.3918, 11.5524



12.9948, 17.3918, 17.2821

Complementary

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



17.9657, 17.3918, 31.2642



26.0370, 28.8116, 19.2284

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.



13.6969, 17.3918, 12.8017



17.9657, 17.3918, 31.2642



17.1330, 17.3918, 9.9631

Square

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



17.9657, 17.3918, 31.2642



20.4076, 17.3918, 15.2143



15.1736, 17.3918, 10.3687



13.1783, 17.3918, 23.2216

Rectangle

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



17.9657, 17.3918, 31.2642



20.4685, 17.3918, 22.7476



15.1736, 17.3918, 10.3687



13.1328, 17.3918, 15.5772

Sweetspot

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



17.9663, 17.3925, 31.2646



44.2817, 45.6629, 57.4012



22.7602, 27.3117, 31.8410



9.5689, 9.8290, 12.6777



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.9663, 17.3925, 31.2646



28.4203, 26.7673, 54.5899



20.0770, 18.1529, 31.3001



5.5219, 5.6779, 7.2746



4.6424, 1.9797, 24.0685



0.0616, 0.0337, 0.2962

Inverse Universe

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



21.2432, 19.0457, 18.1801



35.1849, 30.2169, 27.5713



23.4646, 27.9554, 19.1987



5.8121, 5.8199, 6.1169



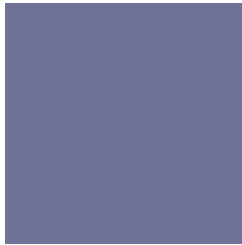
10.4704, 5.3932, 0.6920



0.1305, 0.0670, 0.0211

Previews

White Background



This preview shows how the XYZ color 17.9657, 17.3918, 31.2642 looks on a white background.

Color Contrast Check

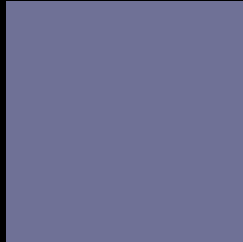
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9657, 17.3918, 31.2642 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 17.9657, 17.3918, 31.2642

Background



This preview shows how black text looks on a background with the XYZ color 17.9657, 17.3918, 31.2642.



This preview shows how white text looks on a background with the XYZ color 17.9657, 17.3918,

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

17.9657, 17.3918, 31.2642

Protanopia

17.5471, 17.3332, 31.6990

Deuteranopia

17.8290, 17.4878, 31.2900



Tritanopia

16.1359, 17.3191, 22.5711

Trichromacy



Original Color

17.9657, 17.3918, 31.2642

Protanomaly

17.7876, 17.4571, 31.7102

Deuteranomaly

17.9527, 17.5516, 31.2958

Tritanomaly

16.8029, 17.4282, 25.4000

Monochromacy



Original Color

17.9657, 17.3918, 31.2642

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2781, 17.7206, 23.2786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9657, 17.3918, 31.2642 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(111, 113, 150)` looks like.

```
.text, #text, p{  
    color:rgb(111, 113, 150)  
}
```

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(111, 113, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 113, 150) }
```

Border

The CSS property to change the border of an element to XYZ 17.9657, 17.3918, 31.2642 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(111, 113, 150) }
```


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

```
.border{ border-color:rgb(111, 113, 150) }
```

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

Here you see how a box with a 4 pixel rgb(111, 113, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 113, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 113, 150);  
box-shadow:4px 4px 4px 4px rgb(111, 113,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9657, 17.3918, 31.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 113, 150) }
```

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

```
.background{ background-color: rgb(111,  
113, 150) }
```

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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