

Converting Colors

XYZ(17.1516, 17.5298, 28.1931)

Have a look what the booklet for
XYZ(17.1516, 17.5298, 28.1931)
contains.

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Color

**XYZ(17.1913, 17.5696,
28.0764)**

Conversions

Conversions Part 1

Format	Color
Hex	6B748E
RGB	107, 116, 142
RGB Percent	42%, 45%, 56%
CMY	0.5804, 0.5451, 0.4431
CMYK	0.25, 0.18, 0.00, 0.44
HSL	225°, 14%, 49%
HSV	225°, 25%, 56%
XYZ	17.1913, 17.5696, 28.0764
YIQ	116.2730, -13.7100, 6.1780

Conversions

Conversions Part 2

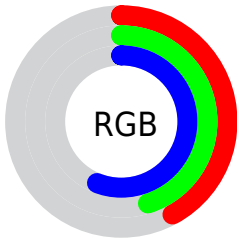
Format	Color
R_{YB}	107, 114, 142
Decimal	7042190
CIE Lab	48.97, 2.72, -15.28
CIE LCh	49, 15.522, 280.104
Yxy	17.5696, 0.2736, 0.2796
Android (android.graphics.Color)	4285232270 (0xFF6B748E)
YUV	116.2730, 12.6834, -8.1324
Hunter-Lab	41.9161, -0.1439, -10.3726

Details

The XYZ color **17.1913, 17.5696, 28.0764** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.1969, 23.5875, 17.2933**, and the grayscale version is **16.6500, 17.5171, 19.0761**.

A 20% lighter version of the original color is **38.2645, 39.3617, 57.8054**, and **5.8025, 5.8368, 10.9460** is the 20% darker color. If you saturate the color by 10%, you get **14.4747, 14.4658, 27.6208**, and if you desaturate by 10%, it is **20.3275, 21.0955, 28.5920**.

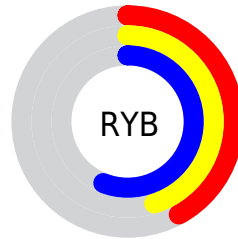
Distribution



Red (42%)

Green (45%)

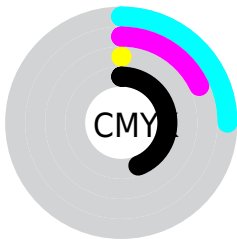
Blue (56%)



Red (42%)

Yellow (45%)

Blue (56%)

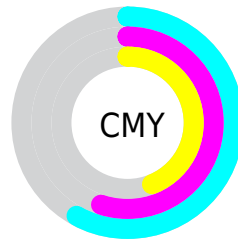


Cyan (25%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1913, 17.5696, 28.0764 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 17.1913, 17.5696, 28.0764 by changing the saturation by 10% instead.

■ 17.1913, 17.5696,
28.0764

■ 17.1913, 17.5696,
28.0764

229.4072,
238.4338, 306.7552

■ 10.4671, 10.6414,
18.1437

■ 38.1954, 39.3026,
57.6310

■ 5.7744, 5.8263,
10.8827

■ 53.2060, 54.8761,
78.0899

■ 2.7477, 2.7397,
5.8748

■ 71.7095, 74.1003,
102.8947

■ 1.0218, 0.9974,
2.7016

■ 94.0712, 97.3594,
132.4639

■ 0.0000, 0.0000,
0.9442

120.6564,
125.0380, 167.2160

■ 0.0000, 0.0000,
0.0000

151.8306,

157.5203, 207.5696

187.9591,
195.1907, 253.9431

■ 17.1913, 17.5696,
28.0764

■ 17.1913, 17.5696,
28.0764

■ 14.4747, 14.4658,
27.6208

■ 20.3275, 21.0955,
28.5920

■ 12.1577, 11.7658,
27.2217

■ 23.8988, 25.0568,
29.1683

■ 10.2213, 9.4529,
26.8774

■ 27.9217, 29.4686,
29.8079

■ 8.6440, 7.5085,
26.5852

■ 32.4118, 34.3449,
30.5124

■ 7.4022, 5.9122,
26.3425

■ 37.3835, 39.6989,
31.2838

■ 6.4691, 4.6415,
26.1464

■ 42.8507, 45.5432,
32.1237

■ 5.8115, 3.6697,
25.9935

■ 48.8268, 51.8901,
33.0338

■ 5.5292, 3.2464,
25.9267

■ 55.3247, 58.7514,
34.0157

■ 62.3568, 66.1385,
35.0710

Harmonies

Analogous

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



15.7721, 17.5696, 27.6251



17.1913, 17.5696, 28.0764



18.5528, 17.5696, 25.8807

Triad

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



17.1913, 17.5696, 28.0764



18.9147, 17.5696, 14.4510



14.2220, 17.5696, 16.5495

Complementary

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



17.1913, 17.5696, 28.0764



22.1969, 23.5875, 17.2933

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.



14.9737, 17.5696, 13.6694



17.1913, 17.5696, 28.0764



17.6623, 17.5696, 12.5843

Square

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



17.1913, 17.5696, 28.0764



19.5851, 17.5696, 17.7687



16.2169, 17.5696, 12.3204



14.1120, 17.5696, 20.5597

Rectangle

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



17.1913, 17.5696, 28.0764



19.2243, 17.5696, 23.3742



16.2169, 17.5696, 12.3204



14.4058, 17.5696, 15.4339

Sweetspot

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



17.1919, 17.5703, 28.0768



40.4959, 42.3663, 51.1710



19.9474, 24.1564, 25.6814



8.9755, 9.3859, 11.4180



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.1919, 17.5703, 28.0768



27.3656, 27.6241, 49.0175



17.2328, 16.1250, 27.7957



5.2354, 5.4665, 6.8080



4.9777, 2.9413, 23.2825



0.0633, 0.0595, 0.2278

Inverse Universe

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



19.5659, 17.5276, 18.8757



32.3927, 27.6890, 29.4989



22.1322, 25.4625, 17.6587



5.4623, 5.4454, 5.9323



10.3156, 5.2833, 2.0473



0.1065, 0.0537, 0.0612

Previews

White Background



This preview shows how the XYZ color 17.1913, 17.5696, 28.0764 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 17.1913, 17.5696, 28.0764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

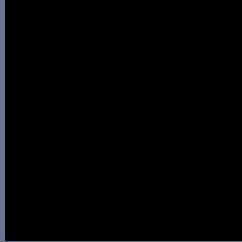
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

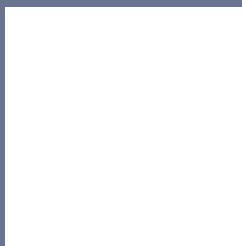
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1913, 17.5696, 28.0764

Background



This preview shows how black text looks on a background with the XYZ color 17.1913, 17.5696, 28.0764.



This preview shows how white text looks on a background with the XYZ color 17.1913, 17.5696,

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

17.1913, 17.5696, 28.0764

Protanopia

17.3689, 17.4996, 27.6616

Deuteranopia

17.8392, 17.5650, 28.0413



Tritanopia

16.0836, 17.4584, 22.9442

Trichromacy



Original Color

17.1913, 17.5696, 28.0764

Protanomaly

17.2451, 17.4358, 27.6558

Deuteranomaly

17.5688, 17.5940, 28.0612

Tritanomaly

16.4206, 17.4193, 24.6871

Monochromacy



Original Color

17.1913, 17.5696, 28.0764

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7571, 17.4822, 21.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1913, 17.5696, 28.0764 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(107, 116, 142)` looks like.

```
.text, #text, p{  
    color:rgb(107, 116, 142)  
}
```

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(107, 116, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 116, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.1913, 17.5696, 28.0764 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(107, 116, 142) }
```


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

```
.border{ border-color:rgb(107, 116, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 116, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 116, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 116, 142);  
box-shadow:4px 4px 4px 4px rgb(107, 116,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1913, 17.5696, 28.0764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 116, 142) }
```

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

```
.background{ background-color: rgb(107,  
116, 142) }
```

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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