

Converting Colors

XYZ(16.6305, 17.9858, 28.6615)

Have a look what the booklet for
XYZ(16.6305, 17.9858, 28.6615)
contains.

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Color

**XYZ(16.6042, 17.9575,
28.5776)**

Conversions

Conversions Part 1

Format	Color
Hex	61788F
RGB	97, 120, 143
RGB Percent	38%, 47%, 56%
CMY	0.6196, 0.5294, 0.4392
CMYK	0.32, 0.16, 0.00, 0.44
HSL	210°, 19%, 47%
HSV	210°, 32%, 56%
XYZ	16.6042, 17.9575, 28.5776
YIQ	115.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

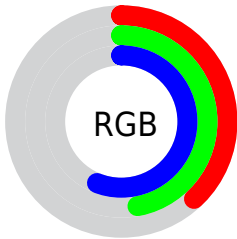
Format	Color
R _Y B	97, 112, 143
Decimal	6387855
CIE Lab	49.44, -2.58, -15.22
CIE LCh	49, 15.433, 260.380
Yxy	17.9575, 0.2630, 0.2844
Android (android.graphics.Color)	4284577935 (0xFF61788F)
YUV	115.7450, 13.4367, -16.4394
Hunter-Lab	42.3763, -4.2173, -10.3204

Details

The XYZ color **16.6042, 17.9575, 28.5776** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2022, 20.1360, 14.1318**, and the grayscale version is **16.4878, 17.3464, 18.8902**.

A 20% lighter version of the original color is **37.2250, 39.9258, 58.5678**, and **5.5121, 6.0534, 11.2338** is the 20% darker color. If you saturate the color by 10%, you get **14.3877, 15.5860, 28.2370**, and if you desaturate by 10%, it is **19.1607, 20.6004, 28.9533**.

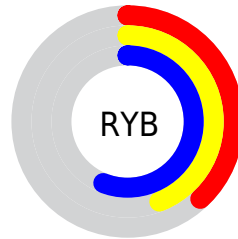
Distribution



Red (38%)

Green (47%)

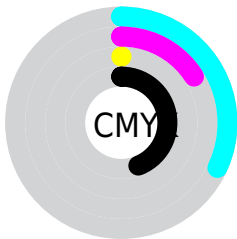
Blue (56%)



Red (38%)

Yellow (44%)

Blue (56%)

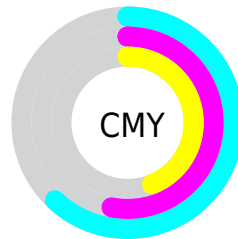


Cyan (32%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6042, 17.9575, 28.5776 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 16.6042, 17.9575, 28.5776 by changing the saturation by 10% instead.

■ 16.6042, 17.9575,
28.5776

■ 16.6042, 17.9575,
28.5776

226.0820,
240.6314, 309.2150

■ 10.0462, 10.9195,
18.5187

■ 37.1930, 39.9649,
58.4395

■ 5.4921, 6.0127,
11.1497

■ 51.9546, 55.7031,
79.0795

■ 2.5765, 2.8528,
6.0522

■ 70.1815, 75.1101,
104.0836

■ 0.9340, 1.0554,
2.8075

■ 92.2389, 98.5703,
133.8704

■ 0.0000, 0.0000,
0.9972

118.4924,
126.4681, 168.8584

■ 0.0000, 0.0000,
0.0000

149.3071,

159.1880, 209.4662

185.0486,
197.1143, 256.1122

■ 16.6042, 17.9575,
28.5776

■ 16.6042, 17.9575,
28.5776

■ 14.3877, 15.5860,
28.2370

■ 19.1607, 20.6004,
28.9533

■ 12.4935, 13.4735,
27.9291

■ 22.0706, 23.5225,
29.3639

■ 10.9044, 11.6095,
27.6530

■ 25.3485, 26.7335,
29.8110

■ 9.6010, 9.9816,
27.4075

■ 29.0076, 30.2422,
30.2954

■ 8.5614, 8.5763,
27.1911

■ 33.0605, 34.0570,
30.8181

■ 7.7598, 7.3779,
27.0020

■ 37.5193, 38.1857,
31.3800

■ 7.2433, 6.5538,
26.8702

■ 42.3953, 42.6361,
31.9820

■ 47.6995, 47.4155,
32.6250

■ 53.4425, 52.5310,
33.3097

Harmonies

Analogous

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



15.3432, 17.9575, 26.4068



16.6042, 17.9575, 28.5776



18.0624, 17.9575, 28.0790

Triad

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



16.6042, 17.9575, 28.5776



19.8311, 17.9575, 16.8896



14.9998, 17.9575, 14.8697

Complementary

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



16.6042, 17.9575, 28.5776



20.2022, 20.1360, 14.1318

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.



16.1109, 17.9575, 12.9549



16.6042, 17.9575, 28.5776



18.9175, 17.9575, 14.0008

Square

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



16.6042, 17.9575, 28.5776



19.9818, 17.9575, 20.9242



17.5405, 17.9575, 12.6612



14.4523, 17.9575, 18.2424

Rectangle

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



16.6042, 17.9575, 28.5776



18.9481, 17.9575, 26.3232



17.5405, 17.9575, 12.6612



15.3167, 17.9575, 14.0557

Sweetspot

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



16.6048, 17.9582, 28.5780



40.6196, 43.2076, 52.7370



18.0965, 23.5242, 21.1137



9.1524, 9.7479, 12.0713



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.6048, 17.9582, 28.5780



26.6428, 28.8643, 50.7052



14.2341, 13.2170, 27.7878



5.3384, 5.6725, 6.8423



6.4254, 5.8367, 23.7650



0.0834, 0.0998, 0.2345

Inverse Universe

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



18.9931, 15.7457, 19.8082



31.7461, 24.5888, 31.8645



23.1935, 26.1186, 15.1289



5.5143, 5.4662, 6.2061



11.0463, 5.5756, 5.8953



0.1167, 0.0577, 0.1148

Previews

White Background



This preview shows how the XYZ color 16.6042, 17.9575, 28.5776 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 16.6042, 17.9575, 28.5776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

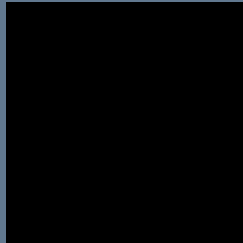
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

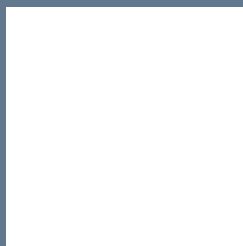
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6042, 17.9575, 28.5776

Background



This preview shows how black text looks on a background with the XYZ color 16.6042, 17.9575, 28.5776.



This preview shows how white text looks on a background with the XYZ color 16.6042, 17.9575,

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

16.6042, 17.9575, 28.5776

Protanopia

17.6611, 17.8290, 27.3214

Deuteranopia

18.2350, 17.9199, 28.8834



Tritanopia

15.7405, 17.9647, 24.4677

Trichromacy



Original Color

16.6042, 17.9575, 28.5776

Protanomaly

17.2324, 17.7715, 27.7213

Deuteranomaly

17.5797, 17.9243, 28.9188

Tritanomaly

16.0006, 17.8852, 25.9014

Monochromacy



Original Color

16.6042, 17.9575, 28.5776

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4339, 17.4801, 22.2465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6042, 17.9575, 28.5776 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, 120, 143)` looks like.

```
.text, #text, p{  
  color:rgb(97, 120, 143)  
}
```

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, 120, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 120, 143) }
```

Border

The CSS property to change the border of an element to XYZ 16.6042, 17.9575, 28.5776 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, 120, 143) }
```


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

```
.border{ border-color:rgb(97, 120, 143) }
```

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

Here you see how a box with a 4 pixel rgb(97, 120, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 120, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 120, 143);  
box-shadow:4px 4px 4px 4px rgb(97, 120,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6042, 17.9575, 28.5776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 120, 143) }
```

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

```
.background{ background-color: rgb(97, 120,  
143) }
```

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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