

Converting Colors

XYZ(16.1622, 17.9822, 28.7258)

Have a look what the booklet for
XYZ(16.1622, 17.9822, 28.7258)
contains.

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Color

**XYZ(16.1097, 17.8821,
28.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	5B798F
RGB	91, 121, 143
RGB Percent	36%, 47%, 56%
CMY	0.6431, 0.5255, 0.4392
CMYK	0.36, 0.15, 0.00, 0.44
HSL	205°, 22%, 46%
HSV	205°, 36%, 56%
XYZ	16.1097, 17.8821, 28.5891
YIQ	114.5380, -24.9420, 0.4820

Conversions

Conversions Part 2

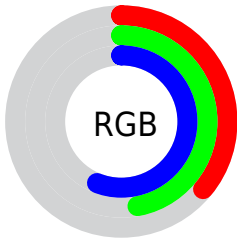
Format	Color
R _Y B	91, 110, 143
Decimal	5994895
CIE Lab	49.35, -4.99, -15.39
CIE LCh	49, 16.179, 252.049
Yxy	17.8821, 0.2574, 0.2857
Android (android.graphics.Color)	4284184975 (0xFF5B798F)
YUV	114.5380, 14.0318, -20.6428
Hunter-Lab	42.2872, -6.0015, -10.4831

Details

The XYZ color **16.1097, 17.8821, 28.5891** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1214, 18.4055, 12.4429**, and the grayscale version is **16.1209, 16.9604, 18.4699**.

A 20% lighter version of the original color is **36.3493, 39.7580, 58.5816**, and **5.3132, 6.0476, 11.2432** is the 20% darker color. If you saturate the color by 10%, you get **14.1199, 15.7993, 28.2923**, and if you desaturate by 10%, it is **18.4154, 20.1970, 28.9147**.

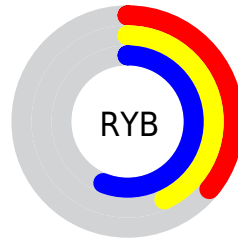
Distribution



Red (36%)

Green (47%)

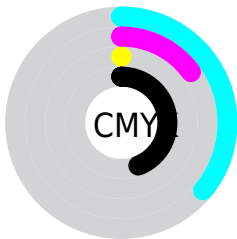
Blue (56%)



Red (36%)

Yellow (43%)

Blue (56%)

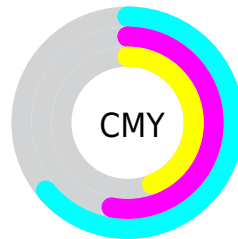


Cyan (36%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1097, 17.8821, 28.5891 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 16.1097, 17.8821, 28.5891 by changing the saturation by 10% instead.

■ 16.1097, 17.8821,
28.5891

■ 16.1097, 17.8821,
28.5891

223.2459,
240.2057, 309.2713

■ 9.6932, 10.8654,
18.5273

■ 36.3445, 39.8363,
58.4580

■ 5.2567, 5.9764,
11.1559

■ 50.8934, 55.5426,
79.1021

■ 2.4349, 2.8307,
6.0563

■ 68.8838, 74.9142,
104.1108

■ 0.8626, 1.0440,
2.8100

■ 90.6811, 98.3355,
133.9026

■ 0.0000, 0.0000,
0.9985

116.6506,
126.1909, 168.8960

■ 0.0000, 0.0000,
0.0000

147.1576,

158.8648, 209.5096

182.5676,
196.7416, 256.1618

■ 16.1097, 17.8821,
28.5891

■ 16.1097, 17.8821,
28.5891

■ 14.1199, 15.7993,
28.2923

■ 18.4154, 20.1970,
28.9147

■ 12.4282, 13.9370,
28.0220

■ 21.0502, 22.7509,
29.2688

■ 11.0174, 12.2854,
27.7775

■ 24.0286, 25.5527,
29.6526

■ 9.8677, 10.8330,
27.5578

■ 27.3636, 28.6104,
30.0670

■ 8.9565, 9.5669,
27.3614

■ 31.0677, 31.9315,
30.5128

■ 8.2483, 8.4672,
27.1865

■ 35.1525, 35.5231,
30.9908

■ 8.0134, 8.0940,
27.1268

■ 39.6293, 39.3920,
31.5016

■ 44.5087, 43.5449,
32.0460

■ 49.8011, 47.9880,
32.6247

Harmonies

Analogous

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



14.9132, 17.8821, 25.6457



16.1097, 17.8821, 28.5891



17.6151, 17.8821, 28.8788

Triad

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



16.1097, 17.8821, 28.5891



20.0244, 17.8821, 17.7716



15.1094, 17.8821, 13.8829

Complementary

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



16.1097, 17.8821, 28.5891



19.1214, 18.4055, 12.4429

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.



16.3923, 17.8821, 12.3660



16.1097, 17.8821, 28.5891



19.2651, 17.8821, 14.3760

Square

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



16.1097, 17.8821, 28.5891



19.9374, 17.8821, 22.1716



17.9151, 17.8821, 12.5319



14.3598, 17.8821, 16.9983

Rectangle

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



16.1097, 17.8821, 28.5891



18.5983, 17.8821, 27.4798



17.9151, 17.8821, 12.5319



15.4892, 17.8821, 13.1917

Sweetspot

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



16.1103, 17.8828, 28.5895



40.3550, 43.2604, 52.7612



17.0992, 23.0542, 19.0737



9.1089, 9.7837, 12.0805



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.



16.1103, 17.8828, 28.5895



25.7633, 28.8034, 50.7398



13.3951, 12.4525, 27.6845



5.3717, 5.7391, 6.8534



7.1063, 7.1986, 23.9920



0.0898, 0.1126, 0.2367

Inverse Universe

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



18.5204, 14.7028, 19.9517



30.8876, 22.6583, 32.2367



22.4008, 24.9642, 13.5360



5.5311, 5.4730, 6.2946



11.3900, 5.7130, 7.7052



0.1199, 0.0590, 0.1318

Previews

White Background



This preview shows how the XYZ color 16.1097, 17.8821, 28.5891 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 16.1097, 17.8821, 28.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

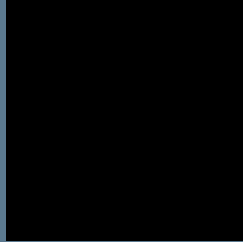
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

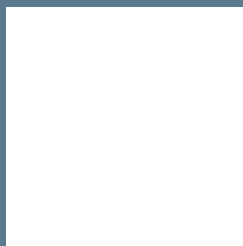
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1097, 17.8821, 28.5891

Background



This preview shows how black text looks on a background with the XYZ color 16.1097, 17.8821, 28.5891.



This preview shows how white text looks on a background with the XYZ color 16.1097, 17.8821,

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

16.1097, 17.8821, 28.5891

Protanopia

17.6611, 17.8290, 27.3214

Deuteranopia

18.1042, 17.8525, 28.8772



Tritanopia

15.3411, 17.9341, 24.8434

Trichromacy



Original Color

16.1097, 17.8821, 28.5891

Protanomaly

16.9951, 17.8230, 27.7438

Deuteranomaly

17.3392, 17.8004, 28.9075

Tritanomaly

15.5947, 17.8491, 26.2902

Monochromacy



Original Color

16.1097, 17.8821, 28.5891

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0068, 17.2674, 21.8913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1097, 17.8821, 28.5891 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(91, 121, 143) looks like.

```
.text, #text, p{  
    color:rgb(91, 121, 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(91, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 121, 143) }
```

Border

The CSS property to change the border of an element to XYZ 16.1097, 17.8821, 28.5891 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(91, 121, 143) }
```


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

```
.border{ border-color:rgb(91, 121, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 121, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(91, 121,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1097, 17.8821, 28.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 121, 143) }
```

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

```
.background{ background-color: rgb(91, 121,  
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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