

Converting Colors

XYZ(17.3456, 19.0767, 23.7499)

Have a look what the booklet for
XYZ(17.3456, 19.0767, 23.7499)
contains.

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Color

**XYZ(17.2966, 18.9658,
23.8682)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7B82
RGB	108, 123, 130
RGB Percent	42%, 48%, 51%
CMY	0.5765, 0.5176, 0.4902
CMYK	0.17, 0.05, 0.00, 0.49
HSL	199°, 9%, 47%
HSV	199°, 17%, 51%
XYZ	17.2966, 18.9658, 23.8682
YIQ	119.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

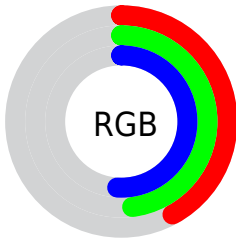
Format	Color
RYB	108, 117, 130
Decimal	7109506
CIELab	50.65, -3.93, -5.68
CIElCh	51, 6.909, 235.330
Yxy	18.9658, 0.2877, 0.3154
Android (android.graphics.Color)	4285299586 (0xFF6C7B82)
YUV	119.3130, 5.2687, -9.9215
Hunter-Lab	43.5497, -5.3174, -2.0101

Details

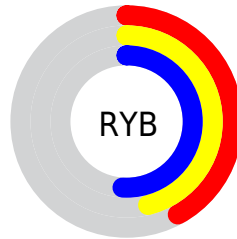
The XYZ color **17.2966, 18.9658, 23.8682** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0436, 18.0900, 16.7285**, and the grayscale version is **17.6206, 18.5382, 20.1881**.

A 20% lighter version of the original color is **38.3744, 41.5524, 50.7976**, and **5.7975, 6.4523, 8.7244** is the 20% darker color. If you saturate the color by 10%, you get **15.3299, 17.2068, 23.6326**, and if you desaturate by 10%, it is **19.5219, 20.8912, 24.1229**.

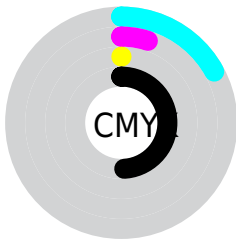
Distribution



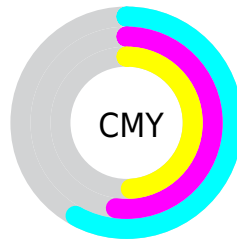
- Red (42%)
- Green (48%)
- Blue (51%)



- Red (42%)
- Yellow (46%)
- Blue (51%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2966, 18.9658, 23.8682 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 17.2966, 18.9658, 23.8682 by changing the saturation by 10% instead.

■ 17.2966, 18.9658,
23.8682

■ 17.2966, 18.9658,
23.8682

229.9989,
246.2599, 285.4185

■ 10.5428, 11.6456,
15.0246

■ 38.3746, 41.6763,
50.7562

■ 5.8253, 6.5028,
8.6898

■ 53.4295, 57.8354,
69.6376

■ 2.7788, 3.1532,
4.4454

■ 71.9821, 77.7095,
92.7021

■ 1.0379, 1.2122,
1.8727

■ 94.3979, 101.6831,
120.3681

■ 0.0000, 0.0716,
0.4753

121.0421,
130.1405, 153.0542

■ 0.0000, 0.0000,
0.0000

152.2801,

163.4662, 191.1789

188.4772,
202.0445, 235.1609

■ 17.2966, 18.9658,
23.8682

■ 17.2966, 18.9658,
23.8682

■ 15.3299, 17.2068,
23.6326

■ 19.5219, 20.8912,
24.1229

■ 13.6093, 15.6061,
23.4144

■ 22.0142, 22.9864,
24.3959

■ 12.1242, 14.1581,
23.2131

■ 24.7834, 25.2572,
24.6883

■ 10.8620, 12.8559,
23.0283

■ 27.8385, 27.7087,
25.0004

■ 9.8091, 11.6923,
22.8592

■ 31.1881, 30.3458,
25.3329

■ 8.9503, 10.6589,
22.7050

■ 34.8404, 33.1729,
25.6861

■ 8.2681, 9.7462,
22.5648

■ 38.8032, 36.1945,
26.0604

■ 7.7288, 8.9364,
22.4369

■ 43.0842, 39.4148,
26.4564

■ 7.5724, 8.6979,
22.3991

■ 47.6905, 42.8379,
26.8744

Harmonies

Analogous

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



16.8762, 18.9658, 22.2856



17.2966, 18.9658, 23.8682



17.9207, 18.9658, 24.5902

Triad

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



17.2966, 18.9658, 23.8682



19.3541, 18.9658, 20.9553



17.4757, 18.9658, 17.4632

Complementary

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



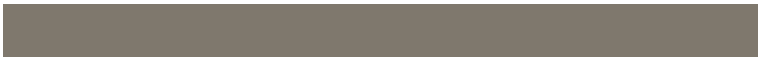
17.2966, 18.9658, 23.8682



18.0436, 18.0900, 16.7285

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.



18.1325, 18.9658, 17.1559



17.2966, 18.9658, 23.8682



19.2278, 18.9658, 19.0975

Square

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



17.2966, 18.9658, 23.8682



19.1175, 18.9658, 22.8429



18.7765, 18.9658, 17.7359



16.9777, 18.9658, 18.6032

Rectangle

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



17.2966, 18.9658, 23.8682



18.3725, 18.9658, 24.4554



18.7765, 18.9658, 17.7359



17.6847, 18.9658, 17.2623

Sweetspot

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



17.2972, 18.9666, 23.8686



35.1379, 37.4357, 42.5663



17.2599, 20.3908, 19.2361



7.8974, 8.4260, 9.6285



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.2972, 18.9666, 23.8686



29.1872, 32.2744, 41.8837



16.0119, 16.3960, 23.4402



4.3347, 4.6633, 5.4849



7.2669, 8.3524, 21.4791



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.1441, 16.9015, 21.0458



30.9628, 28.0401, 35.9446



19.3696, 20.7421, 17.1705



4.4418, 4.3899, 5.1308



10.5450, 5.2377, 9.4596



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2966, 18.9658, 23.8682 looks on a white 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

Black Background



This preview shows how the XYZ color 17.2966, 18.9658, 23.8682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

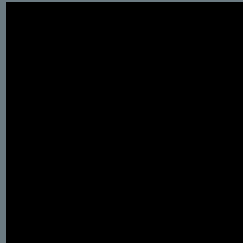
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

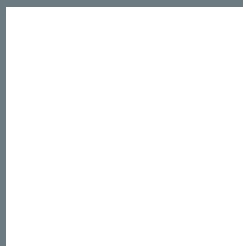
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2966, 18.9658, 23.8682

Background



This preview shows how black text looks on a background with the XYZ color 17.2966, 18.9658, 23.8682.



This preview shows how white text looks on a background with the XYZ color 17.2966, 18.9658,

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

17.2966, 18.9658, 23.8682

Protanopia

18.3585, 18.9845, 23.1189

Deuteranopia

19.2104, 18.8733, 24.1031



Tritanopia

17.4322, 19.0200, 24.5823

Trichromacy



Original Color

17.2966, 18.9658, 23.8682

Protanomaly

18.0023, 18.9727, 23.4822

Deuteranomaly

18.4393, 18.8254, 24.1345

Tritanomaly

17.3640, 18.9928, 24.2235

Monochromacy



Original Color

17.2966, 18.9658, 23.8682

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3619, 18.5078, 21.3962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2966, 18.9658, 23.8682 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(108, 123, 130)` looks like.

```
.text, #text, p{  
    color:rgb(108, 123, 130)  
}
```

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(108, 123, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 123, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.2966, 18.9658, 23.8682 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(108, 123, 130) }
```


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

```
.border{ border-color:rgb(108, 123, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 123, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 123, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 123, 130);  
box-shadow:4px 4px 4px 4px rgb(108, 123,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2966, 18.9658, 23.8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 123, 130) }
```

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

```
.background{ background-color: rgb(108,  
123, 130) }
```

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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