

Converting Colors

XYZ(17.0981, 19.9211, 27.7549)

Have a look what the booklet for
XYZ(17.0981, 19.9211, 27.7549)
contains.

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Color

**XYZ(17.0981, 19.9211,
27.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	5D818C
RGB	93, 129, 140
RGB Percent	36%, 51%, 55%
CMY	0.6353, 0.4941, 0.4510
CMYK	0.34, 0.08, 0.00, 0.45
HSL	194°, 20%, 46%
HSV	194°, 34%, 55%
XYZ	17.0981, 19.9211, 27.7549
YIQ	119.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

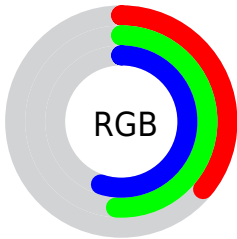
Format	Color
R _Y B	93, 113, 140
Decimal	6128012
CIE Lab	51.75, -9.76, -10.00
CIE LCh	52, 13.979, 225.699
Yxy	19.9211, 0.2640, 0.3075
Android (android.graphics.Color)	4284318092 (0xFF5D818C)
YUV	119.4900, 10.1114, -23.2317
Hunter-Lab	44.6331, -9.7278, -5.6261

Details

The XYZ color **17.0981, 19.9211, 27.7549** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7417, 16.2667, 12.5612**, and the grayscale version is **17.6650, 18.5850, 20.2391**.

A 20% lighter version of the original color is **38.1426, 43.3707, 57.4000**, and **5.7528, 7.0110, 10.7229** is the 20% darker color. If you saturate the color by 10%, you get **15.3842, 18.4076, 27.5534**, and if you desaturate by 10%, it is **19.0865, 21.5976, 27.9740**.

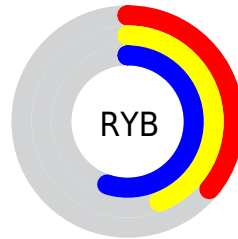
Distribution



Red (36%)

Green (51%)

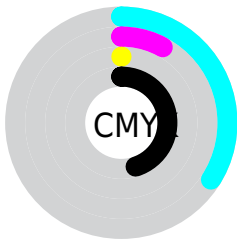
Blue (55%)



Red (36%)

Yellow (44%)

Blue (55%)

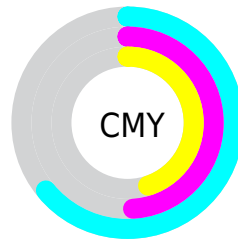


Cyan (34%)

Magenta (8%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0981, 19.9211, 27.7549 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 17.0981, 19.9211, 27.7549 by changing the saturation by 10% instead.

■ 17.0981, 19.9211,
27.7549

■ 17.0981, 19.9211,
27.7549

228.8823,
251.4877, 305.1689

■ 10.4002, 12.3377,
17.9036

■ 38.0366, 43.2849,
57.1113

■ 5.7294, 6.9741,
10.7120

■ 53.0080, 59.8340,
77.4534

■ 2.7203, 3.4459,
5.7618

■ 71.4678, 80.1406,
102.1295

■ 1.0077, 1.3687,
2.6344

■ 93.7815, 104.5889,
131.5581

■ 0.0000, 0.1935,
0.9101

120.3145,
133.5633, 166.1578

■ 0.0000, 0.0000,
0.0000

151.4320,

167.4484, 206.3472

187.4995,
206.6283, 252.5447

■ 17.0981, 19.9211,
27.7549

■ 17.0981, 19.9211,
27.7549

■ 15.3842, 18.4076,
27.5534

■ 19.0865, 21.5976,
27.9740

■ 13.9287, 17.0472,
27.3676

■ 21.3608, 23.4418,
28.2101

■ 12.7165, 15.8323,
27.1970

■ 23.9340, 25.4610,
28.4643

■ 11.7303, 14.7539,
27.0408

■ 26.8176, 27.6613,
28.7370

■ 10.9500, 13.8015,
26.8981

■ 30.0227, 30.0486,
29.0288

■ 10.3518, 12.9625,
26.7677

■ 33.5596, 32.6284,
29.3404

■ 10.0162, 12.4586,
26.6881

■ 37.4382, 35.4060,
29.6721

■ 41.6681, 38.3866,
30.0244

■ 46.2585, 41.5749,
30.3979

Harmonies

Analogous

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



16.4355, 19.9211, 23.8668



17.0981, 19.9211, 27.7549



18.2707, 19.9211, 30.1456

Triad

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



17.0981, 19.9211, 27.7549



21.6934, 19.9211, 23.6717



18.2081, 19.9211, 15.0244

Complementary

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



17.0981, 19.9211, 27.7549



17.7417, 16.2667, 12.5612

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.



19.6140, 19.9211, 14.9859



17.0981, 19.9211, 27.7549



21.6746, 19.9211, 19.6510

Square

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



17.0981, 19.9211, 27.7549



20.9479, 19.9211, 27.5968



20.8977, 19.9211, 16.5811



17.0543, 19.9211, 16.6938

Rectangle

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



17.0981, 19.9211, 27.7549



19.2057, 19.9211, 30.3989



20.8977, 19.9211, 16.5811



18.6657, 19.9211, 14.8280

Sweetspot

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



17.0987, 19.9219, 27.7554



39.1239, 42.4895, 49.8822



16.3898, 22.0825, 16.4869



8.8888, 9.6908, 11.4815



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.



17.0987, 19.9219, 27.7554



27.9007, 33.1536, 48.6717



14.3544, 14.4333, 26.8406



5.0753, 5.4936, 6.3987



8.9152, 11.1007, 23.7185



0.0703, 0.0960, 0.1613

Inverse Universe

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



18.6925, 14.9897, 22.6778



31.2071, 23.3723, 38.0370



20.4412, 21.6658, 13.4611



5.1846, 5.1093, 6.0608



11.9868, 5.9048, 12.9666



0.0852, 0.0415, 0.1157

Previews

White Background



This preview shows how the XYZ color 17.0981, 19.9211, 27.7549 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 17.0981, 19.9211, 27.7549 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

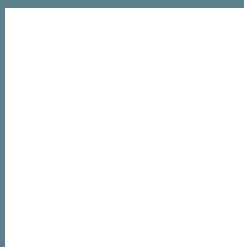
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0981, 19.9211, 27.7549

Background



This preview shows how black text looks on a background with the XYZ color 17.0981, 19.9211, 27.7549.



This preview shows how white text looks on a background with the XYZ color 17.0981, 19.9211,

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

17.0981, 19.9211, 27.7549

Protanopia

19.2886, 19.7616, 26.0903

Deuteranopia

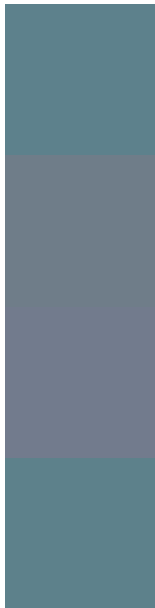
20.2031, 19.8216, 28.3523



Tritanopia

17.0247, 19.8917, 27.3683

Trichromacy



Original Color

17.0981, 19.9211, 27.7549

Protanomaly

18.4045, 19.8529, 26.5289

Deuteranomaly

18.8301, 19.6664, 28.0028

Tritanomaly

17.0247, 19.8917, 27.3683

Monochromacy



Original Color

17.0981, 19.9211, 27.7549

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3441, 19.0132, 22.8345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0981, 19.9211, 27.7549 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(93, 129, 140)` looks like.

```
.text, #text, p{  
    color:rgb(93, 129, 140)  
}
```

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(93, 129, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 129, 140) }
```

Border

The CSS property to change the border of an element to XYZ 17.0981, 19.9211, 27.7549 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(93, 129, 140) }
```


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

```
.border{ border-color:rgb(93, 129, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 129, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 129, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 129, 140);  
box-shadow:4px 4px 4px 4px rgb(93, 129,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0981, 19.9211, 27.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 129, 140) }
```

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

```
.background{ background-color: rgb(93, 129,  
140) }
```

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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