

Converting Colors

XYZ(17.1983, 19.3862, 28.0348)

Have a look what the booklet for
XYZ(17.1983, 19.3862, 28.0348)
contains.

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Color

**XYZ(17.1983, 19.3862,
28.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	617E8D
RGB	97, 126, 141
RGB Percent	38%, 49%, 55%
CMY	0.6196, 0.5059, 0.4471
CMYK	0.31, 0.11, 0.00, 0.45
HSL	200°, 18%, 47%
HSV	200°, 31%, 55%
XYZ	17.1983, 19.3862, 28.0348
YIQ	119.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

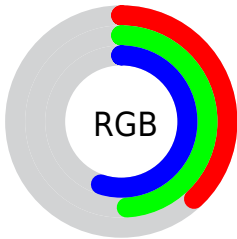
Format	Color
R_{YB}	97, 114, 141
Decimal	6389389
CIE _{Lab}	51.14, -6.58, -11.48
CIE _{LCh}	51, 13.233, 240.206
Yxy	19.3862, 0.2661, 0.3000
Android (android.graphics.Color)	4284579469 (0xFF617E8D)
YUV	119.0390, 10.8268, -19.3282
Hunter-Lab	44.0298, -7.3289, -6.9305

Details

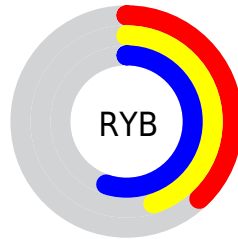
The XYZ color **17.1983, 19.3862, 28.0348** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.9365, 18.1141, 13.8079**, and the grayscale version is **17.5192, 18.4316, 20.0720**.

A 20% lighter version of the original color is **38.3649, 42.5699, 57.8245**, and **5.7611, 6.6915, 10.8855** is the 20% darker color. If you saturate the color by 10%, you get **15.2276, 17.4801, 27.7711**, and if you desaturate by 10%, it is **19.4668, 21.4905, 28.3217**.

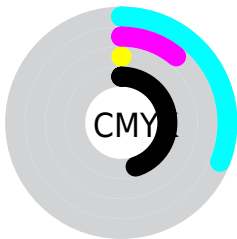
Distribution



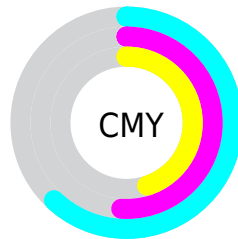
- Red (38%)
- Green (49%)
- Blue (55%)



- Red (38%)
- Yellow (45%)
- Blue (55%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1983, 19.3862, 28.0348 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 17.1983, 19.3862, 28.0348 by changing the saturation by 10% instead.

■ 17.1983, 19.3862,
28.0348

■ 17.1983, 19.3862,
28.0348

229.4466,
248.5726, 306.5503

■ 10.4722, 11.9497,
18.1126

■ 38.2073, 42.3857,
57.5638

■ 5.7778, 6.7094,
10.8606

■ 53.2209, 58.7174,
78.0076

■ 2.7498, 3.2810,
5.8602

■ 71.7276, 78.7830,
102.7958

■ 1.0229, 1.2802,
2.6928

■ 94.0929, 102.9668,
132.3469

■ 0.0000, 0.1258,
0.9398

120.6821,
131.6533, 167.0793

■ 0.0000, 0.0000,
0.0000

151.8605,

165.2268, 207.4116

187.9936,
204.0718, 253.7625

■ 17.1983, 19.3862,
28.0348

■ 17.1983, 19.3862,
28.0348

■ 15.2276, 17.4801,
27.7711

■ 19.4668, 21.4905,
28.3217

■ 13.5384, 15.7620,
27.5285

■ 22.0448, 23.7984,
28.6313

■ 12.1153, 14.2236,
27.3065

■ 24.9455, 26.3177,
28.9647

■ 10.9409, 12.8554,
27.1044

■ 28.1809, 29.0551,
29.3226

■ 9.9952, 11.6464,
26.9208

■ 31.7622, 32.0170,
29.7055

■ 9.2550, 10.5840,
26.7548

■ 35.7001, 35.2095,
30.1142

■ 8.7167, 9.7409,
26.6204

■ 40.0050, 38.6384,
30.5491

■ 44.6866, 42.3092,
31.0109

■ 49.7543, 46.2274,
31.5001

Harmonies

Analogous

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



16.3266, 19.3862, 24.9641



17.1983, 19.3862, 28.0348



18.4351, 19.3862, 29.2069

Triad

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



17.1983, 19.3862, 28.0348



21.0712, 19.3862, 21.0822



17.1832, 19.3862, 15.4495

Complementary

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



17.1983, 19.3862, 28.0348



18.9365, 18.1141, 13.8079

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.



18.4169, 19.3862, 14.6649



17.1983, 19.3862, 28.0348



20.6981, 19.3862, 17.6714

Square

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



17.1983, 19.3862, 28.0348



20.7079, 19.3862, 24.9136



19.7108, 19.3862, 15.4284



16.3182, 19.3862, 17.7116

Rectangle

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



17.1983, 19.3862, 28.0348



19.3130, 19.3862, 28.6572



19.7108, 19.3862, 15.4284



17.5666, 19.3862, 15.0172

Sweetspot

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



17.1989, 19.3870, 28.0352



40.4762, 43.4955, 51.3900



17.3611, 22.7540, 18.7094



8.8960, 9.5881, 11.4612



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.



17.1989, 19.3870, 28.0352



28.4161, 32.4300, 49.8898



14.7218, 14.4327, 27.2095



5.4076, 5.8109, 6.8654



7.9629, 8.9118, 24.2775



0.0966, 0.1262, 0.2389

Inverse Universe

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



19.0256, 15.7189, 21.7709



32.2627, 25.1090, 36.6077



21.6216, 23.4844, 14.7029



5.5492, 5.4802, 6.3900



11.8224, 5.8860, 9.9820



0.1234, 0.0604, 0.1500

Previews

White Background



This preview shows how the XYZ color 17.1983, 19.3862, 28.0348 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 17.1983, 19.3862, 28.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

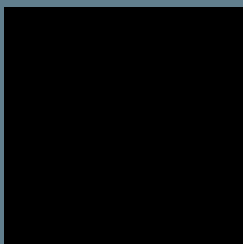
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

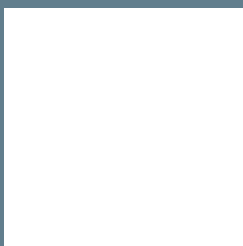
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1983, 19.3862, 28.0348

Background



This preview shows how black text looks on a background with the XYZ color 17.1983, 19.3862, 28.0348.



This preview shows how white text looks on a background with the XYZ color 17.1983, 19.3862,

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

17.1983, 19.3862, 28.0348

Protanopia

18.9605, 19.4028, 26.4127

Deuteranopia

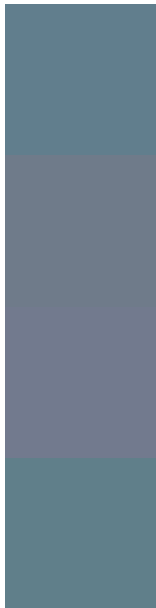
19.7231, 19.3878, 28.6893



Tritanopia

16.9286, 19.4717, 26.5331

Trichromacy



Original Color

17.1983, 19.3862, 28.0348

Protanomaly

18.2259, 19.3804, 26.8249

Deuteranomaly

18.7814, 19.4495, 28.3554

Tritanomaly

17.0007, 19.5005, 26.9127

Monochromacy



Original Color

17.1983, 19.3862, 28.0348

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3458, 18.8309, 22.7992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1983, 19.3862, 28.0348 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, 126, 141) looks like.

```
.text, #text, p{  
    color:rgb(97, 126, 141)  
}
```

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, 126, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 126, 141) }
```

Border

The CSS property to change the border of an element to XYZ 17.1983, 19.3862, 28.0348 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, 126, 141) }
```


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

```
.border{ border-color:rgb(97, 126, 141) }
```

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

Here you see how a box with a 4 pixel rgb(97, 126, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(97, 126,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1983, 19.3862, 28.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 126, 141) }
```

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

```
.background{ background-color: rgb(97, 126,  
141) }
```

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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