

Converting Colors

XYZ(17.9273, 21.0527, 30.9321)

Have a look what the booklet for
XYZ(17.9273, 21.0527, 30.9321)
contains.

XYZ(17.9493, 21.0868, 31.1411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9493, 21.0868,
31.1411)**

Conversions

Conversions Part 1

Format	Color
Hex	5A8594
RGB	90, 133, 148
RGB Percent	35%, 52%, 58%
CMY	0.6470, 0.4784, 0.4196
CMYK	0.39, 0.10, 0.00, 0.42
HSL	196°, 24%, 47%
HSV	196°, 39%, 58%
XYZ	17.9493, 21.0868, 31.1411
YIQ	121.8530, -30.4430, -4.4510

Conversions

Conversions Part 2

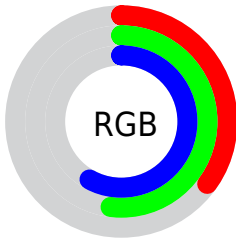
Format	Color
R _Y B	90, 115, 148
Decimal	5932436
CIE Lab	53.04, -10.74, -12.73
CIE LCh	53, 16.657, 229.837
Yxy	21.0868, 0.2558, 0.3005
Android (android.graphics.Color)	4284122516 (0xFF5A8594)
YUV	121.8530, 12.8905, -27.9351
Hunter-Lab	45.9204, -10.5888, -8.0635

Details

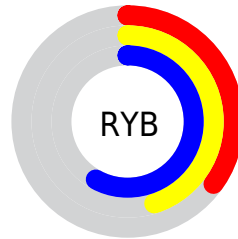
The XYZ color **17.9493, 21.0868, 31.1411** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.1103, 17.1377, 11.9743**, and the grayscale version is **18.4177, 19.3769, 21.1014**.

A 20% lighter version of the original color is **39.3749, 45.1329, 62.5134**, and **6.0876, 7.4809, 12.4324** is the 20% darker color. If you saturate the color by 10%, you get **16.1362, 19.3888, 30.9093**, and if you desaturate by 10%, it is **20.0694, 22.9724, 31.3937**.

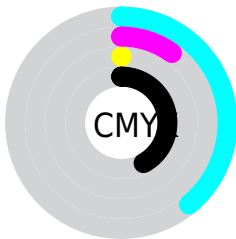
Distribution



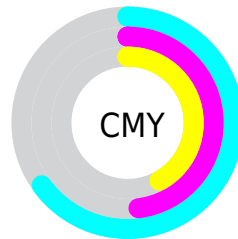
- Red (35%)
- Green (52%)
- Blue (58%)



- Red (35%)
- Yellow (45%)
- Blue (58%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (42%)



- Cyan (65%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9493, 21.0868, 31.1411 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 17.9493, 21.0868, 31.1411 by changing the saturation by 10% instead.

■ 17.9493, 21.0868,
31.1411

■ 17.9493, 21.0868,
31.1411

233.6362,
257.7394, 321.5591

■ 11.0131, 13.1875,
20.4470

■ 39.4817, 45.2319,
62.5443

■ 6.1430, 7.5578,
12.5331

■ 54.8085, 62.2466,
84.0905

■ 2.9737, 3.8133,
6.9809

■ 73.6629, 83.0684,
110.0911

■ 1.1399, 1.5697,
3.3719

■ 96.4103, 108.0818,
140.9646

■ 0.0581, 0.3370,
1.2875

123.4160,
137.6712, 177.1296

■ 0.0000, 0.0000,
0.0515

155.0453,

■ 0.0000, 0.0000,

172.2210, 219.0047

0.0000

191.6636,
212.1156, 267.0084

■ 17.9493, 21.0868,
31.1411

■ 17.9493, 21.0868,
31.1411

■ 16.1362, 19.3888,
30.9093

■ 20.0694, 22.9724,
31.3937

■ 14.6110, 17.8667,
30.6959

■ 22.5106, 25.0517,
31.6664

■ 13.3550, 16.5113,
30.5004

■ 25.2881, 27.3333,
31.9604

■ 12.3468, 15.3110,
30.3219

■ 28.4159, 29.8247,
32.2764

■ 11.5612, 14.2525,
30.1590

■ 31.9068, 32.5328,
32.6151

■ 10.9404, 13.3059,
30.0090

■ 35.7733, 35.4642,
32.9772

■ 10.8918, 13.2311,
29.9971

■ 40.0271, 38.6254,
33.3631

■ 44.6793, 42.0223,
33.7736

■ 49.7408, 45.6608,
34.2091

Harmonies

Analogous

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



17.0405, 21.0868, 26.3883



17.9493, 21.0868, 31.1411



19.4544, 21.0868, 33.8133

Triad

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



17.9493, 21.0868, 31.1411



23.5407, 21.0868, 24.7028



18.9219, 21.0868, 15.0348

Complementary

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



17.9493, 21.0868, 31.1411



19.1103, 17.1377, 11.9743

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.



20.6420, 21.0868, 14.7198



17.9493, 21.0868, 31.1411



23.3776, 21.0868, 19.8421

Square

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



17.9493, 21.0868, 31.1411



22.7258, 21.0868, 29.7539



22.2921, 21.0868, 16.3540



17.5790, 21.0868, 17.2880

Rectangle

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



17.9493, 21.0868, 31.1411



20.6229, 21.0868, 33.8256



22.2921, 21.0868, 16.3540



19.4729, 21.0868, 14.7128

Sweetspot

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



17.9500, 21.0876, 31.1416



43.0588, 46.9602, 56.2294



17.3311, 24.3636, 17.0202



9.6987, 10.6131, 12.8222



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.9500, 21.0876, 31.1416



28.8425, 34.5672, 54.5866



14.5632, 14.3141, 30.0127



5.8385, 6.3110, 7.3802



9.3259, 11.3467, 25.6296



0.1380, 0.1865, 0.3216

Inverse Universe

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



20.1031, 15.3024, 24.0852



33.3060, 23.3140, 39.7926



22.5148, 23.9469, 13.1091



5.9719, 5.8838, 6.9583



12.8344, 6.3388, 13.1408



0.1691, 0.0824, 0.2241

Previews

White Background



This preview shows how the XYZ color 17.9493, 21.0868, 31.1411 looks on a white background.

Color Contrast Check

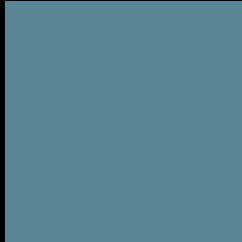
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9493, 21.0868, 31.1411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

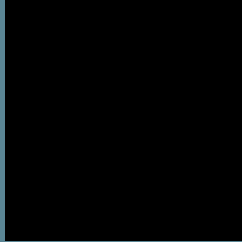
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9493, 21.0868, 31.1411

Background



This preview shows how black text looks on a background with the XYZ color 17.9493, 21.0868, 31.1411.



This preview shows how white text looks on a background with the XYZ color 17.9493, 21.0868,

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

17.9493, 21.0868, 31.1411

Protanopia

20.4599, 20.8614, 28.9349

Deuteranopia

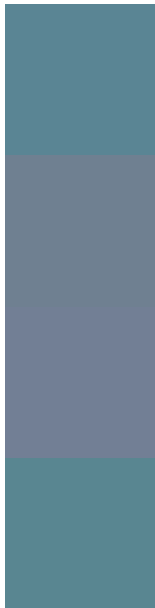
21.3404, 20.8800, 31.7596



Tritanopia

17.6790, 21.1877, 29.5434

Trichromacy



Original Color

17.9493, 21.0868, 31.1411

Protanomaly

19.3856, 20.8622, 29.7931

Deuteranomaly

19.9536, 20.9261, 31.4212

Tritanomaly

17.7558, 21.2184, 29.9478

Monochromacy



Original Color

17.9493, 21.0868, 31.1411

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.9880, 19.8754, 24.3610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9493, 21.0868, 31.1411 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(90, 133, 148)` looks like.

```
.text, #text, p{  
    color:rgb(90, 133, 148)  
}
```

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(90, 133, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 133, 148) }
```

Border

The CSS property to change the border of an element to XYZ 17.9493, 21.0868, 31.1411 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(90, 133, 148) }
```


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

```
.border{ border-color:rgb(90, 133, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 133, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 133, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 133, 148);  
box-shadow:4px 4px 4px 4px rgb(90, 133,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9493, 21.0868, 31.1411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 133, 148) }
```

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

```
.background{ background-color: rgb(90, 133,  
148) }
```

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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