

Converting Colors

XYZ(18.1342, 21.9043, 18.5563)

Have a look what the booklet for
XYZ(18.1342, 21.9043, 18.5563)
contains.

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Color

**XYZ(18.1441, 21.8773,
18.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8770
RGB	111, 135, 112
RGB Percent	44%, 53%, 44%
CMY	0.5647, 0.4706, 0.5608
CMYK	0.18, 0.00, 0.17, 0.47
HSL	123°, 10%, 48%
HSV	123°, 18%, 53%
XYZ	18.1441, 21.8773, 18.5957
YIQ	125.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

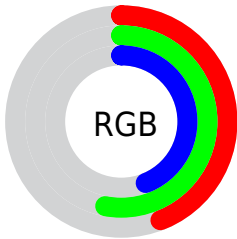
Format	Color
R_{YB}	111, 134, 135
Decimal	7309168
CIE _{Lab}	53.90, -13.38, 9.55
CIE _{LCh}	54, 16.439, 144.494
Yxy	21.8773, 0.3095, 0.3732
Android (android.graphics.Color)	4285499248 (0xFF6F8770)
YUV	125.2020, -6.5086, -12.4552
Hunter-Lab	46.7732, -12.6099, 9.1692

Details

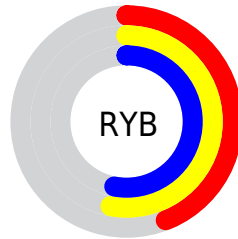
The XYZ color **18.1441, 21.8773, 18.5957** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.9799, 18.2414, 25.0230**, and the grayscale version is **19.5844, 20.6043, 22.4381**.

A 20% lighter version of the original color is **39.7883, 46.4333, 41.9874**, and **6.2238, 7.9239, 6.0519** is the 20% darker color. If you saturate the color by 10%, you get **15.9028, 20.7998, 14.9970**, and if you desaturate by 10%, it is **20.7469, 23.1304, 22.7526**.

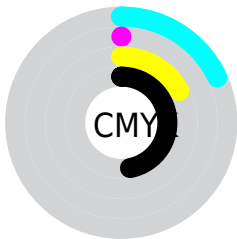
Distribution



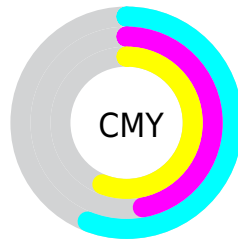
- Red (44%)
- Green (53%)
- Blue (44%)



- Red (44%)
- Yellow (53%)
- Blue (53%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1441, 21.8773, 18.5957 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 18.1441, 21.8773, 18.5957 by changing the saturation by 10% instead.

■ 18.1441, 21.8773,
18.5957

■ 18.1441, 21.8773,
18.5957

234.7119,
261.9048, 256.5555

■ 11.1538, 13.7668,
11.2047

■ 39.8109, 46.5431,
41.8774

■ 6.2384, 7.9586,
6.0888

■ 55.2181, 63.8672,
58.6051

■ 3.0326, 4.0685,
2.8295

■ 74.1616, 85.0312,
79.2821

■ 1.1710, 1.7119,
1.0082

■ 97.0068, 110.4196,
104.3269

■ 0.0833, 0.4314,
0.0000

124.1191,
140.4168, 134.1581

■ 0.0000, 0.0000,
0.0000

155.8638,

175.4071, 169.1943

192.6063,
215.7750, 209.8539

■ 18.1441, 21.8773,
18.5957

■ 18.1441, 21.8773,
18.5957

■ 15.9028, 20.7998,
14.9970

■ 20.7469, 23.1304,
22.7526

■ 14.0054, 19.8876,
11.9314

■ 23.7243, 24.5636,
27.4885

■ 12.4353, 19.1331,
9.3739

■ 27.0909, 26.1845,
32.8250

■ 11.1740, 18.5276,
7.2972

■ 30.8601, 27.9997,
38.7820

■ 10.2012, 18.0610,
5.6712

■ 35.0446, 30.0152,
45.3785

■ 9.4940, 17.7225,
4.4625

■ 39.6565, 32.2369,
52.6330

■ 9.0262, 17.4992,
3.6330

■ 44.7075, 34.6705,
60.5628

■ 8.7485, 17.3668,
3.1352

■ 50.2088, 37.3214,
69.1848

■ 8.6953, 17.3412,
3.0506

■ 56.1711, 40.1947,
78.5153

Harmonies

Analogous

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



19.4142, 21.8773, 16.0054



18.1441, 21.8773, 18.5957



17.5863, 21.8773, 22.8975

Triad

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



18.1441, 21.8773, 18.5957



20.4688, 21.8773, 34.9011



24.0475, 21.8773, 20.0034

Complementary

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



18.1441, 21.8773, 18.5957



19.9799, 18.2414, 25.0230

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.



24.3692, 21.8773, 24.7683



18.1441, 21.8773, 18.5957



22.2371, 21.8773, 33.8384

Square

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



18.1441, 21.8773, 18.5957



18.8788, 21.8773, 32.6701



23.6895, 21.8773, 29.9427



22.8339, 21.8773, 16.7337

Rectangle

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



18.1441, 21.8773, 18.5957



17.6693, 21.8773, 26.3447



23.6895, 21.8773, 29.9427



24.2663, 21.8773, 21.4633

Sweetspot

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



18.1447, 21.8782, 18.5962



38.5073, 42.0724, 42.9027



21.3976, 23.5616, 18.4591



8.8449, 9.7084, 9.8195



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.1447, 21.8782, 18.5962



30.9367, 38.4295, 30.8078



18.8456, 22.1586, 22.2869



4.6236, 5.2077, 5.0290



8.0190, 15.9905, 2.8196



0.0283, 0.0556, 0.0123

Inverse Universe

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



19.9799, 18.2414, 25.0230



34.8058, 30.7616, 44.3570



19.2020, 17.9302, 20.9267



4.8497, 4.7596, 5.8210



12.8915, 6.2209, 19.7986



0.0453, 0.0218, 0.0720

Previews

White Background



This preview shows how the XYZ color 18.1441, 21.8773, 18.5957 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 18.1441, 21.8773, 18.5957 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 18.1441, 21.8773, 18.5957

Background



This preview shows how black text looks on a background with the XYZ color 18.1441, 21.8773, 18.5957.



This preview shows how white text looks on a background with the XYZ color 18.1441, 21.8773,

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

18.1441, 21.8773, 18.5957

Protanopia

20.4712, 21.6934, 17.5763

Deuteranopia

22.0990, 21.7412, 18.9513



Tritanopia

20.1265, 21.8687, 28.3596

Trichromacy



Original Color

18.1441, 21.8773, 18.5957

Protanomaly

19.5350, 21.7940, 17.9289

Deuteranomaly

20.3727, 21.6171, 18.7216

Tritanomaly

19.2200, 21.6916, 24.2930

Monochromacy



Original Color

18.1441, 21.8773, 18.5957

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.9862, 21.0496, 20.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1441, 21.8773, 18.5957 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(111, 135, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 135, 112)  
}
```

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(111, 135, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 135, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.1441, 21.8773, 18.5957 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(111, 135, 112) }
```


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

```
.border{ border-color:rgb(111, 135, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 135, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 135, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 135, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 135,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1441, 21.8773, 18.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 135, 112) }
```

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

```
.background{ background-color: rgb(111,  
135, 112) }
```

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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