

Converting Colors

XYZ(17.7963, 21.4859, 19.4926)

Have a look what the booklet for
XYZ(17.7963, 21.4859, 19.4926)
contains.

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Color

**XYZ(17.8040, 21.4761,
19.4266)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8673
RGB	108, 134, 115
RGB Percent	42%, 53%, 45%
CMY	0.5765, 0.4745, 0.5490
CMYK	0.19, 0.00, 0.14, 0.47
HSL	136°, 11%, 47%
HSV	136°, 19%, 53%
XYZ	17.8040, 21.4761, 19.4266
YIQ	124.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

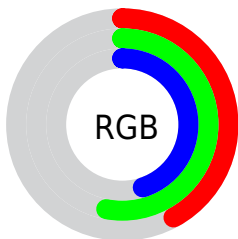
Format	Color
RYB	108, 128, 134
Decimal	7112307
CIELab	53.47, -13.34, 7.18
CIELCh	53, 15.148, 151.716
Yxy	21.4761, 0.3033, 0.3658
Android (android.graphics.Color)	4285302387 (0xFF6C8673)
YUV	124.0600, -4.4666, -14.0846
Hunter-Lab	46.3423, -12.5221, 7.5854

Details

The XYZ color **17.8040, 21.4761, 19.4266** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0257, 17.3264, 22.4213**, and the grayscale version is **19.1953, 20.1950, 21.9923**.

A 20% lighter version of the original color is **39.2426, 45.8043, 43.3320**, and **6.0469, 7.7066, 6.4790** is the 20% darker color. If you saturate the color by 10%, you get **15.7640, 20.4867, 16.5443**, and if you desaturate by 10%, it is **20.1556, 22.6204, 22.6370**.

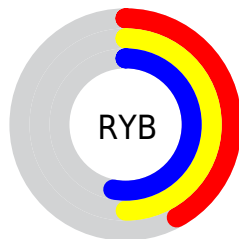
Distribution



Red (42%)

Green (53%)

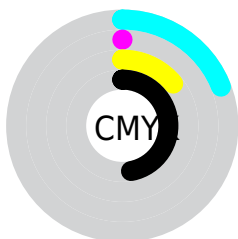
Blue (45%)



Red (42%)

Yellow (50%)

Blue (53%)

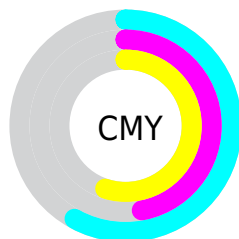


Cyan (19%)

Magenta (0%)

Yellow (14%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8040, 21.4761, 19.4266 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 17.8040, 21.4761, 19.4266 by changing the saturation by 10% instead.

■ 17.8040, 21.4761,
19.4266

■ 17.8040, 21.4761,
19.4266

232.8310,
259.7980, 261.2946

■ 10.9082, 13.4725,
11.7990

■ 39.2358, 45.8786,
43.3000

■ 6.0720, 7.7547,
6.4861

■ 54.5024, 63.0462,
60.3828

■ 2.9300, 3.9384,
3.0693

■ 73.2901, 84.0372,
81.4545

■ 1.1168, 1.6392,
1.1301

■ 95.9642, 109.2361,
106.9336

■ 0.0391, 0.3838,
0.0000

122.8899,
139.0273, 137.2386

■ 0.0000, 0.0000,
0.0000

154.4327,

173.7950, 172.7881

190.9580,
213.9238, 214.0006

■ 17.8040, 21.4761,
19.4266

■ 17.8040, 21.4761,
19.4266

■ 15.7640, 20.4867,
16.5443

■ 20.1556, 22.6204,
22.6370

■ 14.0206, 19.6430,
13.9782

■ 22.8295, 23.9231,
26.1839

■ 12.5600, 18.9385,
11.7181

■ 25.8380, 25.3910,
30.0772

■ 11.3670, 18.3658,
9.7523

■ 29.1923, 27.0296,
34.3260

■ 10.4244, 17.9161,
8.0686

■ 32.9031, 28.8443,
38.9391

■ 9.7133, 17.5801,
6.6541

■ 36.9805, 30.8402,
43.9248

■ 9.2118, 17.3467,
5.4943

■ 41.4342, 33.0220,
49.2914

■ 8.8641, 17.1875,
4.5726

■ 46.2738, 35.3945,
55.0467

■ 8.8450, 17.1787,
4.5246

■ 51.5082, 37.9622,
61.1984

Harmonies

Analogous

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



18.8267, 21.4761, 16.6193



17.8040, 21.4761, 19.4266



17.4697, 21.4761, 23.6505

Triad

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



17.8040, 21.4761, 19.4266



20.5053, 21.4761, 33.4206



23.1628, 21.4761, 19.0228

Complementary

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



17.8040, 21.4761, 19.4266



19.0257, 17.3264, 22.4213

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.



23.6682, 21.4761, 23.1192



17.8040, 21.4761, 19.4266



22.0847, 21.4761, 31.7724

Square

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



17.8040, 21.4761, 19.4266



18.9793, 21.4761, 32.0995



23.2639, 21.4761, 27.8449



21.9158, 21.4761, 16.4086

Rectangle

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



17.8040, 21.4761, 19.4266



17.6674, 21.4761, 26.8227



23.2639, 21.4761, 27.8449



23.4279, 21.4761, 20.2522

Sweetspot

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



17.8046, 21.4770, 19.4271



36.9881, 40.5726, 41.8605



19.9950, 22.6510, 17.5061



8.2788, 9.1142, 9.3584



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.8046, 21.4770, 19.4271



29.8287, 37.0910, 32.0747



18.6021, 21.7960, 23.6265



4.6640, 5.2238, 5.2419



8.2928, 16.1000, 4.2614



0.0314, 0.0569, 0.0290

Inverse Universe

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



19.0257, 17.3264, 22.4213



32.3616, 28.4795, 38.2840



18.2358, 17.0105, 18.2623



4.8058, 4.7420, 5.5897



11.2810, 5.5767, 11.3180



0.0421, 0.0205, 0.0553

Previews

White Background



This preview shows how the XYZ color 17.8040, 21.4761, 19.4266 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 17.8040, 21.4761, 19.4266 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 17.8040, 21.4761, 19.4266

Background



This preview shows how black text looks on a background with the XYZ color 17.8040, 21.4761, 19.4266.



This preview shows how white text looks on a background with the XYZ color 17.8040, 21.4761,

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

17.8040, 21.4761, 19.4266

Protanopia

20.1315, 21.3130, 18.0917

Deuteranopia

21.6215, 21.2899, 19.7994



Tritanopia

19.6004, 21.3991, 28.2967

Trichromacy



Original Color

17.8040, 21.4761, 19.4266

Protanomaly

19.2194, 21.4202, 18.4508

Deuteranomaly

19.9477, 21.1855, 19.5609

Tritanomaly

18.8367, 21.2780, 24.9441

Monochromacy



Original Color

17.8040, 21.4761, 19.4266

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.6416, 20.6704, 21.0964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8040, 21.4761, 19.4266 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, 134, 115)` looks like.

```
.text, #text, p{  
    color:rgb(108, 134, 115)  
}
```

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, 134, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 134, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.8040, 21.4761, 19.4266 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, 134, 115) }
```


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

```
.border{ border-color:rgb(108, 134, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 134, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 134, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 134, 115);  
box-shadow:4px 4px 4px 4px rgb(108, 134,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8040, 21.4761, 19.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 134, 115) }
```

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

```
.background{ background-color: rgb(108,  
134, 115) }
```

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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