

Converting Colors

XYZ(17.8908, 18.7944, 20.1173)

Have a look what the booklet for
XYZ(17.8908, 18.7944, 20.1173)
contains.

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Color

**XYZ(17.9314, 18.8298,
20.1422)**

Conversions

Conversions Part 1

Format	Color
Hex	797877
RGB	121, 120, 119
RGB Percent	47%, 47%, 47%
CMY	0.5255, 0.5294, 0.5333
CMYK	0.00, 0.01, 0.02, 0.53
HSL	30°, 1%, 47%
HSV	30°, 2%, 47%
XYZ	17.9314, 18.8298, 20.1422
YIQ	120.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

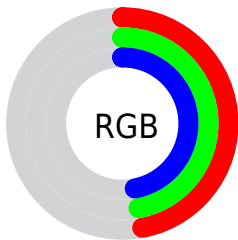
Format	Color
R_{YB}	121, 121, 119
Decimal	7960695
CIE Lab	50.49, 0.18, 0.68
CIE LCh	50, 0.700, 74.868
Yxy	18.8298, 0.3151, 0.3309
Android (android.graphics.Color)	4286150775 (0xFF797877)
YUV	120.1850, -0.5842, 0.7148
Hunter-Lab	43.3933, -2.1768, 2.8542

Details

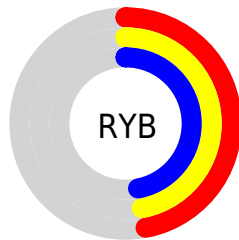
The XYZ color **17.9314, 18.8298, 20.1422** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7754, 18.7351, 20.7688**, and the grayscale version is **17.9138, 18.8468, 20.5241**.

A 20% lighter version of the original color is **39.3368, 41.3296, 44.4322**, and **6.2023, 6.5061, 6.8901** is the 20% darker color. If you saturate the color by 10%, you get **16.5474, 17.1515, 16.3210**, and if you desaturate by 10%, it is **19.4548, 20.6383, 24.4668**.

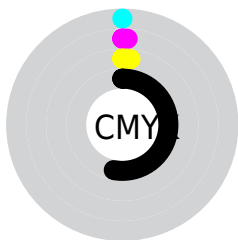
Distribution



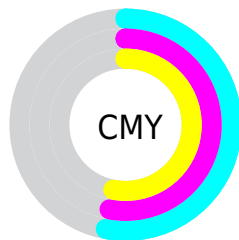
- Red (47%)
- Green (47%)
- Blue (47%)



- Red (47%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9314, 18.8298, 20.1422 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 17.9314, 18.8298, 20.1422 by changing the saturation by 10% instead.

■ 17.9314, 18.8298,
20.1422

■ 17.9314, 18.8298,
20.1422

233.5372,
245.5075, 265.3135

■ 11.0001, 11.5474,
12.3133

■ 39.4514, 41.4463,
44.5176

■ 6.1342, 6.4363,
6.8323

■ 54.7708, 57.5492,
61.9012

■ 2.9683, 3.1121,
3.2806

■ 73.6171, 77.3609,
83.3067

■ 1.1370, 1.1906,
1.2396

96.3554, 101.2660,
109.1529

■ 0.0558, 0.0540,
0.0115

123.3512,
129.6489, 139.8581

■ 0.0000, 0.0000,
0.0000

154.9699,

162.8938, 175.8409

191.5768,
201.3852, 217.5199

■ 17.9314, 18.8298,
20.1422

■ 17.9314, 18.8298,
20.1422

■ 16.5474, 17.1515,
16.3210

■ 19.4548, 20.6383,
24.4668

■ 15.2969, 15.5979,
12.9835

■ 21.1200, 22.5775,
29.3113

■ 14.1760, 14.1667,
10.1104

■ 22.9317, 24.6510,
34.6926

■ 13.1796, 12.8544,
7.6808

■ 24.8934, 26.8617,
40.6268

■ 12.3028, 11.6576,
5.6718

■ 27.0088, 29.2121,
47.1291

■ 11.5399, 10.5725,
4.0588

■ 29.2814, 31.7048,
54.2143

■ 10.8848, 9.5951,
2.8145

■ 31.7146, 34.3424,
61.8964

■ 10.3307, 8.7211,
1.9081

■ 34.3116, 37.1272,
70.1891

■ 9.8698, 7.9456,
1.3035

■ 37.0755, 40.0617,
79.1058

Harmonies

Analogous

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



17.9902, 18.8298, 20.2388



17.9314, 18.8298, 20.1422



17.8635, 18.8298, 20.1418

Triad

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



17.9314, 18.8298, 20.1422



17.7708, 18.8298, 20.5989



17.9898, 18.8298, 20.7697

Complementary

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



17.9314, 18.8298, 20.1422



17.7754, 18.7351, 20.7688

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.



17.9308, 18.8298, 20.8674



17.9314, 18.8298, 20.1422



17.8044, 18.8298, 20.7684

Square

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



17.9314, 18.8298, 20.1422



17.7709, 18.8298, 20.4046



17.8630, 18.8298, 20.8670



18.0240, 18.8298, 20.6006

Rectangle

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



17.9314, 18.8298, 20.1422



17.8223, 18.8298, 20.1960



17.8630, 18.8298, 20.8670



17.9722, 18.8298, 20.8120

Sweetspot

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



17.9319, 18.8306, 20.1426



32.5443, 34.2392, 37.2864



17.8724, 18.6150, 20.4206



7.4413, 7.8288, 8.5256



59.0181, 62.0916, 67.6177

Same Dimension

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



17.9319, 18.8306, 20.1426



32.0078, 33.5964, 35.7808



18.0526, 19.0719, 20.1828



4.3987, 4.6183, 4.9312



10.2063, 7.8686, 0.9809



47.8337, 35.8309, 4.3949

Inverse Universe

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



17.7754, 18.7351, 20.7688



31.6610, 33.3848, 37.1681



17.6560, 18.4964, 20.7290



4.3565, 4.5925, 5.1000



5.4394, 4.9613, 20.0562



25.0958, 21.9643, 95.3866

Previews

White Background



This preview shows how the XYZ color 17.9314, 18.8298, 20.1422 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 17.9314, 18.8298, 20.1422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

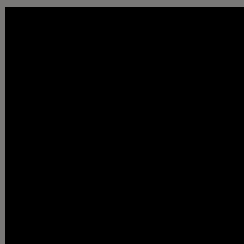
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

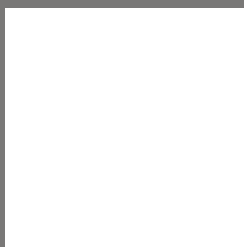
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9314, 18.8298, 20.1422

Background



This preview shows how black text looks on a background with the XYZ color 17.9314, 18.8298, 20.1422.



This preview shows how white text looks on a background with the XYZ color 17.9314, 18.8298,

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

17.9314, 18.8298, 20.1422

Protanopia

18.0723, 18.9024, 20.1488

Deuteranopia

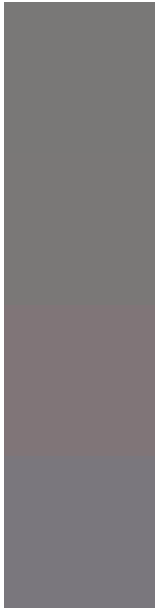
19.1513, 18.7524, 20.3795



Tritanopia

18.5191, 18.8897, 23.0921

Trichromacy



Original Color

17.9314, 18.8298, 20.1422

Protanomaly

18.0723, 18.9024, 20.1488

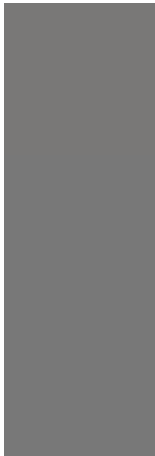
Deuteranomaly

18.6535, 18.6678, 20.3894

Tritanomaly

18.3245, 18.8119, 22.0673

Monochromacy



Original Color

17.9314, 18.8298, 20.1422

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8524, 18.7821, 20.4537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9314, 18.8298, 20.1422 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(121, 120, 119)` looks like.

```
.text, #text, p{  
    color:rgb(121, 120, 119)  
}
```

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(121, 120, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 120, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.9314, 18.8298, 20.1422 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(121, 120, 119) }
```

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

```
.border{ border-color:rgb(121, 120, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 120, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 120, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 120, 119); box-shadow:4px 4px 4px 4px rgb(121, 120, 119) }
```


Background

The CSS property to change the background color of an element to XYZ 17.9314, 18.8298, 20.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 120, 119) }
```

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

```
.background{ background-color: rgb(121,  
120, 119) }
```

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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