

Converting Colors

XYZ(18.8905, 19.9028, 22.2153)

Have a look what the booklet for
XYZ(18.8905, 19.9028, 22.2153)
contains.

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Color

**XYZ(18.8107, 19.7842,
22.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7B7D
RGB	122, 123, 125
RGB Percent	48%, 48%, 49%
CMY	0.5216, 0.5176, 0.5098
CMYK	0.02, 0.02, 0.00, 0.51
HSL	220°, 1%, 48%
HSV	220°, 2%, 49%
XYZ	18.8107, 19.7842, 22.2293
YIQ	122.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

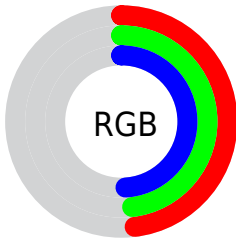
Format	Color
R_{YB}	122, 123, 125
Decimal	8027005
CIE Lab	51.59, 0.03, -1.23
CIE LCh	52, 1.228, 271.546
Yxy	19.7842, 0.3093, 0.3253
Android (android.graphics.Color)	4286217085 (0xFF7A7B7D)
YUV	122.9290, 1.0210, -0.8147
Hunter-Lab	44.4794, -2.3500, 1.5045

Details

The XYZ color **18.8107, 19.7842, 22.2293** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1780, 20.1802, 21.2971**, and the grayscale version is **18.8009, 19.7800, 21.5404**.

A 20% lighter version of the original color is **40.8214, 42.8730, 48.2433**, and **6.5009, 6.8358, 7.8143** is the 20% darker color. If you saturate the color by 10%, you get **16.1644, 16.9521, 21.8224**, and if you desaturate by 10%, it is **21.7737, 22.9110, 22.6770**.

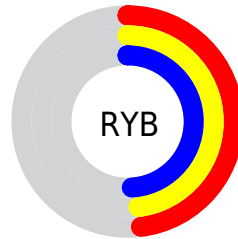
Distribution



Red (48%)

Green (48%)

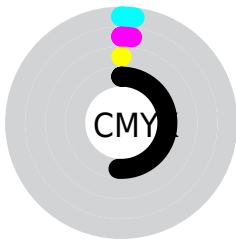
Blue (49%)



Red (48%)

Yellow (48%)

Blue (49%)

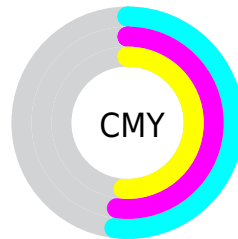


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8107, 19.7842, 22.2293 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 18.8107, 19.7842, 22.2293 by changing the saturation by 10% instead.

■ 18.8107, 19.7842,
22.2293

■ 18.8107, 19.7842,
22.2293

238.3599,
250.7445, 276.7339

■ 11.6368, 12.2383,
13.8256

■ 40.9333, 43.0551,
48.0317

■ 6.5673, 6.9062,
7.8621

■ 56.6127, 59.5488,
66.2675

■ 3.2369, 3.4035,
3.9203

■ 75.8580, 79.7940,
88.6177

■ 1.2802, 1.3458,
1.5817

99.0345, 104.1749,
115.5008

■ 0.1684, 0.1763,
0.2777

126.5076,
133.0760, 147.3355

■ 0.0000, 0.0000,
0.0000

158.6426,

166.8817, 184.5402

195.8050,
205.9764, 227.5335

■ 18.8107, 19.7842,
22.2293

■ 18.8107, 19.7842,
22.2293

■ 16.1644, 16.9521,
21.8224

■ 21.7737, 22.9110,
22.6770

■ 13.8222, 14.4034,
21.4539

■ 25.0618, 26.3384,
23.1652

■ 11.7734, 12.1298,
21.1230

■ 28.6856, 30.0752,
23.6955

■ 10.0057, 10.1213,
20.8285

■ 32.6542, 34.1293,
24.2689

■ 8.5061, 8.3676,
20.5691

■ 36.9767, 38.5081,
24.8862

■ 7.2604, 6.8577,
20.3433

■ 41.6618, 43.2187,
25.5485

■ 6.2531, 5.5794,
20.1497

■ 46.7178, 48.2682,
26.2567

■ 5.4667, 4.5194,
19.9865

■ 52.1528, 53.6632,
27.0116

■ 4.8811, 3.6628,
19.8520

■ 57.9745, 59.4105,
27.8141

Harmonies

Analogous

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



18.6913, 19.7842, 22.1457



18.8107, 19.7842, 22.2293



18.9289, 19.7842, 22.1270

Triad

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



18.8107, 19.7842, 22.2293



19.0076, 19.7842, 21.1874



18.5961, 19.7842, 21.2189

Complementary

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



18.8107, 19.7842, 22.2293



19.1780, 20.1802, 21.2971

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.



18.6802, 19.7842, 20.9667



18.8107, 19.7842, 22.2293



18.9178, 19.7842, 20.9487

Square

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



18.8107, 19.7842, 22.2293



19.0429, 19.7842, 21.5233



18.7979, 19.7842, 20.8683



18.5677, 19.7842, 21.5600

Rectangle

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



18.8107, 19.7842, 22.2293



18.9910, 19.7842, 21.9677



18.7979, 19.7842, 20.8683



18.6188, 19.7842, 21.1211

Sweetspot

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



18.8113, 19.7850, 22.2297



34.3818, 36.1683, 39.9134



18.9949, 20.2591, 21.9618



7.8293, 8.2362, 9.0802



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.8113, 19.7850, 22.2297



33.3496, 35.0722, 39.7563



18.7514, 19.5706, 22.1915



4.5806, 4.8167, 5.5016



4.7126, 3.2437, 20.6277



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.9926, 19.7095, 21.5432



33.7639, 34.9012, 38.1870



19.2386, 20.3988, 21.3361



4.6485, 4.7889, 5.2442



9.2557, 4.7220, 2.6702



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.8107, 19.7842, 22.2293 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 18.8107, 19.7842, 22.2293 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

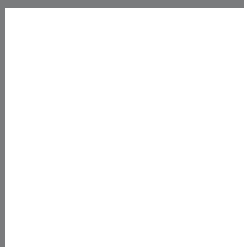
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8107, 19.7842, 22.2293

Background



This preview shows how black text looks on a background with the XYZ color 18.8107, 19.7842, 22.2293.



This preview shows how white text looks on a background with the XYZ color 18.8107, 19.7842,

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

18.8107, 19.7842, 22.2293

Protanopia

19.1187, 19.7597, 22.2084

Deuteranopia

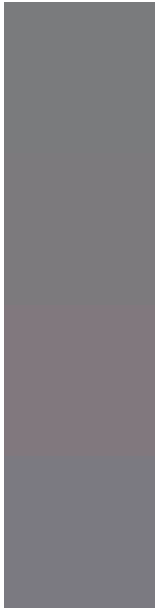
20.0356, 19.6866, 22.4826



Tritanopia

19.2928, 19.7960, 24.6340

Trichromacy



Original Color

18.8107, 19.7842, 22.2293

Protanomaly

18.9734, 19.6848, 22.2016

Deuteranomaly

19.5356, 19.6064, 22.4934

Tritanomaly

19.0904, 19.7150, 23.5681

Monochromacy



Original Color

18.8107, 19.7842, 22.2293

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8894, 19.8321, 21.9012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8107, 19.7842, 22.2293 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(122, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(122, 123, 125)  
}
```

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(122, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 123, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.8107, 19.7842, 22.2293 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(122, 123, 125) }
```


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

```
.border{ border-color:rgb(122, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(122, 123,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8107, 19.7842, 22.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 123, 125) }
```

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

```
.background{ background-color: rgb(122,  
123, 125) }
```

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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