

Converting Colors

XYZ(17.9151, 18.4099, 22.1530)

Have a look what the booklet for
XYZ(17.9151, 18.4099, 22.1530)
contains.

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Color

**XYZ(17.9258, 18.4306,
22.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	78767D
RGB	120, 118, 125
RGB Percent	47%, 46%, 49%
CMY	0.5294, 0.5372, 0.5098
CMYK	0.04, 0.06, 0.00, 0.51
HSL	257°, 3%, 48%
HSV	257°, 6%, 49%
XYZ	17.9258, 18.4306, 22.0147
YIQ	119.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

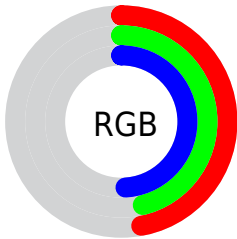
Format	Color
R_{YB}	120, 118, 125
Decimal	7894653
CIE Lab	50.01, 2.19, -3.57
CIE LCh	50, 4.188, 301.572
Yxy	18.4306, 0.3071, 0.3157
Android (android.graphics.Color)	4286084733 (0xFF78767D)
YUV	119.3960, 2.7628, 0.5297
Hunter-Lab	42.9309, -0.5963, -0.3520

Details

The XYZ color **17.9258, 18.4306, 22.0147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7727, 20.1867, 20.0475**, and the grayscale version is **17.6523, 18.5716, 20.2244**.

A 20% lighter version of the original color is **39.4239, 40.7345, 47.9042**, and **6.1672, 6.2798, 7.7246** is the 20% darker color. If you saturate the color by 10%, you get **15.3689, 15.0706, 21.5012**, and if you desaturate by 10%, it is **20.7944, 22.2420, 22.5995**.

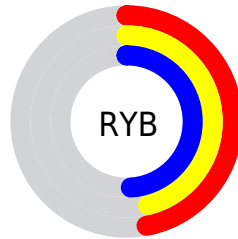
Distribution



Red (47%)

Green (46%)

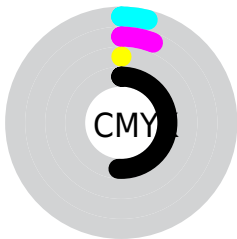
Blue (49%)



Red (47%)

Yellow (46%)

Blue (49%)

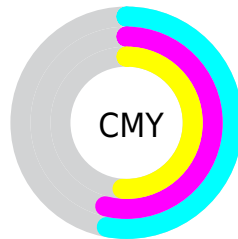


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9258, 18.4306, 22.0147 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 17.9258, 18.4306, 22.0147 by changing the saturation by 10% instead.

■ 17.9258, 18.4306,
22.0147

■ 17.9258, 18.4306,
22.0147

233.5062,
243.2870, 275.5790

■ 10.9961, 11.2596,
13.6693

■ 39.4419, 40.7697,
47.6728

■ 6.1315, 6.2417,
7.7549

■ 54.7591, 56.7066,
65.8225

■ 2.9666, 2.9926,
3.8530

■ 73.6027, 76.3342,
88.0775

■ 1.1361, 1.1279,
1.5450

96.3382, 100.0369,
114.8562

■ 0.0550, 0.0016,
0.2512

123.3310,
128.1992, 146.5771

■ 0.0000, 0.0000,
0.0000

154.9463,

161.2053, 183.6589

191.5496,
199.4398, 226.5200

■ 17.9258, 18.4306,
22.0147

■ 17.9258, 18.4306,
22.0147

■ 15.3689, 15.0706,
21.5012

■ 20.7944, 22.2420,
22.5995

■ 13.1114, 12.1427,
21.0550

■ 23.9834, 26.5183,
23.2568

■ 11.1424, 9.6298,
20.6738

■ 27.5030, 31.2754,
23.9895

■ 9.4497, 7.5127,
20.3544

■ 31.3626, 36.5280,
24.7999

■ 8.0204, 5.7707,
20.0935

■ 35.5711, 42.2897,
25.6902

6.8402, 4.3812,
19.8874

40.1370, 48.5739,
26.6626

5.8936, 3.3189,
19.7323

45.0688, 55.3935,
27.7189

5.1629, 2.5551,
19.6234

50.3744, 62.7608,
28.8613

4.6216, 2.0436,
19.5532

56.0616, 70.6877,
30.0916

Harmonies

Analogous

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



17.5390, 18.4306, 22.3644



17.9258, 18.4306, 22.0147



18.2067, 18.4306, 21.1408

Triad

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



17.9258, 18.4306, 22.0147



17.8885, 18.4306, 18.1822



16.7559, 18.4306, 20.1286

Complementary

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



17.9258, 18.4306, 22.0147



18.7727, 20.1867, 20.0475

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.



16.8463, 18.4306, 19.0317



17.9258, 18.4306, 22.0147



17.4965, 18.4306, 17.9341

Square

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



17.9258, 18.4306, 22.0147



18.1850, 18.4306, 18.9303



17.1159, 18.4306, 18.2392



16.8670, 18.4306, 21.2500

Rectangle

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



17.9258, 18.4306, 22.0147



18.2940, 18.4306, 20.3942



17.1159, 18.4306, 18.2392



16.7638, 18.4306, 19.7449

Sweetspot

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



17.9263, 18.4314, 22.0151



33.8598, 35.3343, 39.7800



18.2586, 19.5029, 22.2044



7.7191, 8.0602, 9.0520



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.



17.9263, 18.4314, 22.0151



31.3454, 32.0076, 39.2704



18.4184, 18.6851, 22.0381



4.3342, 4.4234, 5.4386



4.6049, 1.9276, 20.3793



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.5117, 18.7478, 21.3829



32.6770, 32.7274, 37.8244



18.2831, 19.9343, 20.0246



4.5218, 4.5247, 5.2349



10.7198, 5.3076, 10.3803



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9258, 18.4306, 22.0147 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 17.9258, 18.4306, 22.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

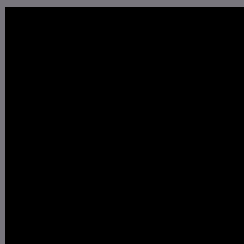
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

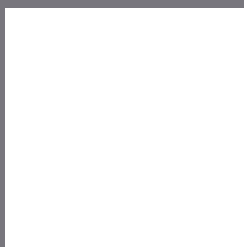
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9258, 18.4306, 22.0147

Background



This preview shows how black text looks on a background with the XYZ color 17.9258, 18.4306, 22.0147.



This preview shows how white text looks on a background with the XYZ color 17.9258, 18.4306,

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

17.9258, 18.4306, 22.0147

Protanopia

17.7879, 18.3595, 22.0082

Deuteranopia

18.6490, 18.2799, 22.2841



Tritanopia

18.0549, 18.4822, 22.6945

Trichromacy



Original Color

17.9258, 18.4306, 22.0147

Protanomaly

17.7879, 18.3595, 22.0082

Deuteranomaly

18.3235, 18.2822, 22.3017

Tritanomaly

17.9901, 18.4563, 22.3529

Monochromacy



Original Color

17.9258, 18.4306, 22.0147

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6558, 18.4961, 20.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9258, 18.4306, 22.0147 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(120, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(120, 118, 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(120, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 118, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.9258, 18.4306, 22.0147 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(120, 118, 125) }
```


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

```
.border{ border-color:rgb(120, 118, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(120, 118,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9258, 18.4306, 22.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 118, 125) }
```

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

```
.background{ background-color: rgb(120,  
118, 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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