

Converting Colors

XYZ(17.9451, 18.3843, 20.6437)

Have a look what the booklet for
XYZ(17.9451, 18.3843, 20.6437)
contains.

XYZ(17.9557, 18.4749, 20.7088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9557, 18.4749,
20.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7679
RGB	122, 118, 121
RGB Percent	48%, 46%, 47%
CMY	0.5216, 0.5372, 0.5255
CMYK	0.00, 0.03, 0.01, 0.52
HSL	315°, 2%, 47%
HSV	315°, 3%, 48%
XYZ	17.9557, 18.4749, 20.7088
YIQ	119.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

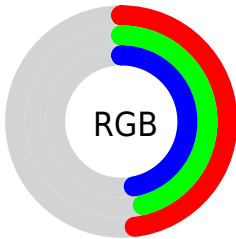
Format	Color
R_{YB}	122, 118, 121
Decimal	8025721
CIE Lab	50.07, 2.12, -1.11
CIE LCh	50, 2.396, 332.450
Yxy	18.4749, 0.3142, 0.3233
Android (android.graphics.Color)	4286215801 (0xFF7A7679)
YUV	119.5380, 0.7208, 2.1592
Hunter-Lab	42.9824, -0.6518, 1.5220

Details

The XYZ color **17.9557, 18.4749, 20.7088** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7613, 19.1031, 20.2049**, and the grayscale version is **17.7032, 18.6251, 20.2827**.

A 20% lighter version of the original color is **39.3731, 40.7653, 45.3285**, and **6.1404, 6.2778, 7.1914** is the 20% darker color. If you saturate the color by 10%, you get **16.4269, 15.7119, 19.2904**, and if you desaturate by 10%, it is **19.6773, 21.6136, 22.2212**.

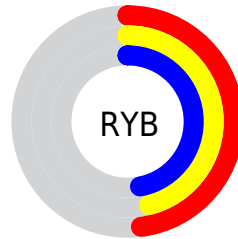
Distribution



Red (48%)

Green (46%)

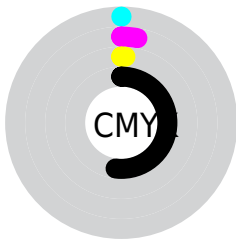
Blue (47%)



Red (48%)

Yellow (46%)

Blue (47%)

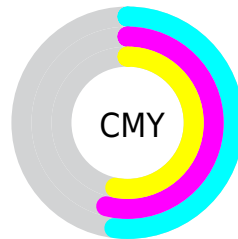


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9557, 18.4749, 20.7088 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 17.9557, 18.4749, 20.7088 by changing the saturation by 10% instead.

■ 17.9557, 18.4749,
20.7088

■ 17.9557, 18.4749,
20.7088

233.6716,
243.5344, 268.4569

■ 11.0177, 11.2915,
12.7221

■ 39.4925, 40.8449,
45.4769

■ 6.1461, 6.2632,
7.1090

■ 54.8220, 56.8003,
63.0954

■ 2.9756, 3.0058,
3.4509

■ 73.6794, 76.4484,
84.7616

■ 1.1409, 1.1348,
1.3292

96.4299, 100.1737,
110.8940

■ 0.0589, 0.0074,
0.0856

123.4391,
128.3605, 141.9112

■ 0.0000, 0.0000,
0.0000

155.0722,

161.3933, 178.2317

191.6946,
199.6565, 220.2741

■ 17.9557, 18.4749,
20.7088

■ 17.9557, 18.4749,
20.7088

■ 16.4269, 15.7119,
19.2904

■ 19.6773, 21.6136,
22.2212

■ 15.0822, 13.3080,
17.9620

■ 21.5970, 25.1389,
23.8289

■ 13.9146, 11.2489,
16.7214

■ 23.7215, 29.0645,
25.5346

■ 12.9159, 9.5185,
15.5655

■ 26.0572, 33.4024,
27.3407

■ 12.0774, 8.0993,
14.4912

■ 28.6097, 38.1643,
29.2494

■ 11.3895, 6.9723,
13.4949

■ 31.3848, 43.3615,
31.2627

■ 10.8416, 6.1164,
12.5729

■ 34.3878, 49.0046,
33.3829

■ 10.4217, 5.5075,
11.7208

■ 37.6241, 55.1040,
35.6117

■ 10.1145, 5.1154,
10.9333

■ 41.0986, 61.6698,
37.9512

Harmonies

Analogous

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



17.7987, 18.4749, 21.2062



17.9557, 18.4749, 20.7088



18.0063, 18.4749, 20.0618

Triad

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



17.9557, 18.4749, 20.7088



17.5409, 18.4749, 18.8744



17.1885, 18.4749, 20.8048

Complementary

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



17.9557, 18.4749, 20.7088



17.7613, 19.1031, 20.2049

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.



17.1208, 18.4749, 20.1703



17.9557, 18.4749, 20.7088



17.3231, 18.4749, 19.0639

Square

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



17.9557, 18.4749, 20.7088



17.7656, 18.4749, 19.0116



17.1698, 18.4749, 19.5347



17.3557, 18.4749, 21.2624

Rectangle

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



17.9557, 18.4749, 20.7088



17.9726, 18.4749, 19.6352



17.1698, 18.4749, 19.5347



17.1534, 18.4749, 20.6046

Sweetspot

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



17.9562, 18.4757, 20.7092



32.2421, 33.6892, 37.0178



17.5998, 18.2848, 21.0145



7.3774, 7.7125, 8.4688



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.9562, 18.4757, 20.7092



31.3568, 32.0810, 36.2224



17.8349, 18.4272, 20.0703



4.2841, 4.3696, 4.9530



10.4565, 5.1588, 10.9608



49.5245, 24.4661, 50.4193

Inverse Universe

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



17.9562, 18.4757, 20.7092



31.3568, 32.0810, 36.2224



17.8826, 19.1516, 20.8438



4.2841, 4.3696, 4.9530



10.4565, 5.1588, 10.9608



49.5245, 24.4661, 50.4193

Previews

White Background



This preview shows how the XYZ color 17.9557, 18.4749, 20.7088 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 17.9557, 18.4749, 20.7088 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

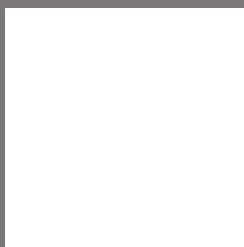
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9557, 18.4749, 20.7088

Background



This preview shows how black text looks on a background with the XYZ color 17.9557, 18.4749, 20.7088.



This preview shows how white text looks on a background with the XYZ color 17.9557, 18.4749,

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

17.9557, 18.4749, 20.7088

Protanopia

17.8148, 18.4023, 20.7022

Deuteranopia

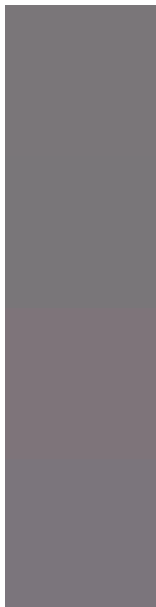
18.6968, 18.3337, 20.9657



Tritanopia

18.2956, 18.4399, 22.3336

Trichromacy



Original Color

17.9557, 18.4749, 20.7088

Protanomaly

17.8148, 18.4023, 20.7022

Deuteranomaly

18.3624, 18.3315, 20.9829

Tritanomaly

18.1678, 18.3888, 21.6606

Monochromacy



Original Color

17.9557, 18.4749, 20.7088

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8721, 18.6147, 20.4203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9557, 18.4749, 20.7088 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, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(122, 118, 121)  
}
```

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, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 118, 121) }
```

Border

The CSS property to change the border of an element to XYZ 17.9557, 18.4749, 20.7088 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, 118, 121) }
```


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

```
.border{ border-color:rgb(122, 118, 121) }
```

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

Here you see how a box with a 4 pixel rgb(122, 118, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(122, 118,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9557, 18.4749, 20.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 118, 121) }
```

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

```
.background{ background-color: rgb(122,  
118, 121) }
```

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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