

Converting Colors

XYZ(18.7634, 19.0896, 21.3403)

Have a look what the booklet for
XYZ(18.7634, 19.0896, 21.3403)
contains.

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Color

**XYZ(18.7762, 19.0593,
21.4281)**

Conversions

Conversions Part 1

Format	Color
Hex	7E777B
RGB	126, 119, 123
RGB Percent	49%, 47%, 48%
CMY	0.5059, 0.5333, 0.5176
CMYK	0.00, 0.06, 0.02, 0.51
HSL	326°, 3%, 48%
HSV	326°, 6%, 49%
XYZ	18.7762, 19.0593, 21.4281
YIQ	121.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

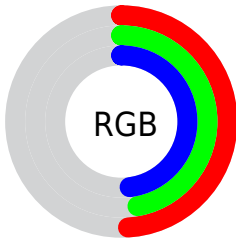
Format	Color
R_{YB}	126, 119, 123
Decimal	8288123
CIE _{Lab}	50.76, 3.46, -1.24
CIE _{LCh}	51, 3.672, 340.329
Yxy	19.0593, 0.3168, 0.3216
Android (android.graphics.Color)	4286478203 (0xFF7E777B)
YUV	121.5490, 0.7153, 3.9035
Hunter-Lab	43.6570, 0.3705, 1.4586

Details

The XYZ color **18.7762, 19.0593, 21.4281** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5822, 20.2494, 21.3425**, and the grayscale version is **18.3493, 19.3049, 21.0231**.

A 20% lighter version of the original color is **40.8912, 41.8047, 46.4714**, and **6.5498, 6.5787, 7.4032** is the 20% darker color. If you saturate the color by 10%, you get **17.0462, 16.1255, 19.2289**, and if you desaturate by 10%, it is **20.7248, 22.3999, 23.7927**.

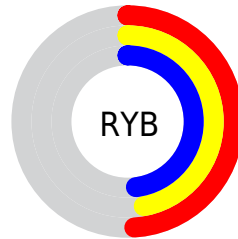
Distribution



Red (49%)

Green (47%)

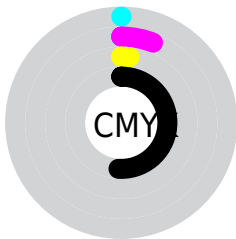
Blue (48%)



Red (49%)

Yellow (47%)

Blue (48%)

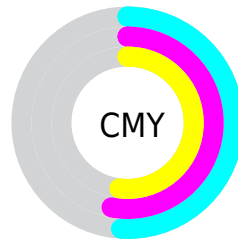


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7762, 19.0593, 21.4281 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 18.7762, 19.0593, 21.4281 by changing the saturation by 10% instead.

■ 18.7762, 19.0593,
21.4281

■ 18.7762, 19.0593,
21.4281

238.1724,
246.7759, 272.4003

■ 11.6117, 11.7131,
13.2430

■ 40.8754, 41.8343,
46.6889

■ 6.5502, 6.5487,
7.4634

■ 56.5408, 58.0319,
64.6018

■ 3.2262, 3.1815,
3.6708

■ 75.7706, 77.9488,
86.5942

■ 1.2745, 1.2272,
1.4465

98.9301, 101.9693,
113.0849

■ 0.1640, 0.0838,
0.1776

126.3847,
130.4779, 144.4923

■ 0.0000, 0.0000,
0.0000

158.4997,

163.8589, 181.2350

195.6404,
202.4968, 223.7315

■ 18.7762, 19.0593,
21.4281

■ 18.7762, 19.0593,
21.4281

■ 17.0462, 16.1255,
19.2289

■ 20.7248, 22.3999,
23.7927

■ 15.5252, 13.5803,
17.1898

■ 22.8979, 26.1596,
26.3254

■ 14.2049, 11.4079,
15.3067

■ 25.3034, 30.3533,
29.0305

■ 13.0764, 9.5905,
13.5751

■ 27.9482, 34.9942,
31.9117

■ 12.1296, 8.1086,
11.9900

■ 30.8389, 40.0954,
34.9725

■ 11.3536, 6.9411,
10.5462

■ 33.9819, 45.6690,
38.2163

■ 10.7363, 6.0642,
9.2380

■ 37.3833, 51.7268,
41.6466

■ 10.2640, 5.4509,
8.0590

■ 41.0490, 58.2803,
45.2664

■ 9.9142, 5.0569,
7.0000

■ 44.9846, 65.3406,
49.0790

Harmonies

Analogous

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



18.5678, 19.0593, 22.3036



18.7762, 19.0593, 21.4281



18.8062, 19.0593, 20.3982

Triad

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



18.7762, 19.0593, 21.4281



17.9912, 19.0593, 18.8591



17.5917, 19.0593, 22.0644

Complementary

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



18.7762, 19.0593, 21.4281



18.5822, 20.2494, 21.3425

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.



17.4416, 19.0593, 21.1105



18.7762, 19.0593, 21.4281



17.6702, 19.0593, 19.2748

Square

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



18.7762, 19.0593, 21.4281



18.3497, 19.0593, 18.9377



17.4701, 19.0593, 20.0909



17.8829, 19.0593, 22.6793

Rectangle

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



18.7762, 19.0593, 21.4281



18.7205, 19.0593, 19.7655



17.4701, 19.0593, 20.0909



17.5233, 19.0593, 21.7715

Sweetspot

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



18.7767, 19.0601, 21.4285



34.2088, 35.5286, 39.1443



18.3777, 18.8324, 22.4055



7.7928, 8.1012, 8.9180



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.



18.7767, 19.0601, 21.4285



32.5348, 32.6705, 37.0756



18.5666, 18.9761, 20.3220



4.5017, 4.5167, 5.1294



10.0243, 5.0294, 6.7176



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.7767, 19.0601, 21.4285



32.5348, 32.6705, 37.0756



18.7976, 20.3356, 22.4768



4.5017, 4.5167, 5.1294



10.0243, 5.0294, 6.7176



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.7762, 19.0593, 21.4281 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 18.7762, 19.0593, 21.4281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

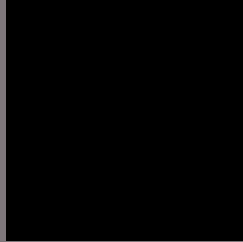
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.7762, 19.0593, 21.4281

Background



This preview shows how black text looks on a background with the XYZ color 18.7762, 19.0593, 21.4281.



This preview shows how white text looks on a background with the XYZ color 18.7762, 19.0593,

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

18.7762, 19.0593, 21.4281

Protanopia

18.3806, 19.0258, 21.7724

Deuteranopia

19.2965, 18.9779, 21.3850



Tritanopia

19.1271, 19.0274, 23.0866

Trichromacy



Original Color

18.7762, 19.0593, 21.4281

Protanomaly

18.5229, 19.0991, 21.7790

Deuteranomaly

19.1068, 19.0541, 21.4097

Tritanomaly

18.9967, 18.9753, 22.4000

Monochromacy



Original Color

18.7762, 19.0593, 21.4281

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.5186, 19.2908, 21.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7762, 19.0593, 21.4281 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(126, 119, 123)` looks like.

```
.text, #text, p{  
    color:rgb(126, 119, 123)  
}
```

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(126, 119, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 119, 123) }
```

Border

The CSS property to change the border of an element to XYZ 18.7762, 19.0593, 21.4281 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(126, 119, 123) }
```


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

```
.border{ border-color:rgb(126, 119, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 119, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 119, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 119, 123);  
box-shadow:4px 4px 4px 4px rgb(126, 119,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7762, 19.0593, 21.4281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 119, 123) }
```

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

```
.background{ background-color: rgb(126,  
119, 123) }
```

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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