

Converting Colors

XYZ(17.8075, 18.4186, 20.0547)

Have a look what the booklet for
XYZ(17.8075, 18.4186, 20.0547)
contains.

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Color

**XYZ(17.8342, 18.4264,
20.0694)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7677
RGB	122, 118, 119
RGB Percent	48%, 46%, 47%
CMY	0.5216, 0.5372, 0.5333
CMYK	0.00, 0.03, 0.02, 0.52
HSL	345°, 2%, 47%
HSV	345°, 3%, 48%
XYZ	17.8342, 18.4264, 20.0694
YIQ	119.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

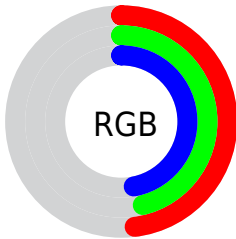
Format	Color
R_{YB}	122, 118, 119
Decimal	8025719
CIE Lab	50.01, 1.72, -0.01
CIE LCh	50, 1.725, 359.612
Yxy	18.4264, 0.3166, 0.3271
Android (android.graphics.Color)	4286215799 (0xFF7A7677)
YUV	119.3100, -0.1528, 2.3591
Hunter-Lab	42.9260, -0.9601, 2.3280

Details

The XYZ color **17.8342, 18.4264, 20.0694** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8826, 19.1515, 20.8442**, and the grayscale version is **17.6333, 18.5516, 20.2027**.

A 20% lighter version of the original color is **39.1810, 40.6884, 44.3167**, and **6.0751, 6.2517, 6.8477** is the 20% darker color. If you saturate the color by 10%, you get **15.9659, 15.5276, 16.8632**, and if you desaturate by 10%, it is **19.9424, 21.7197, 23.6174**.

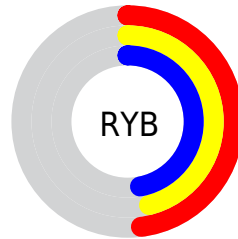
Distribution



Red (48%)

Green (46%)

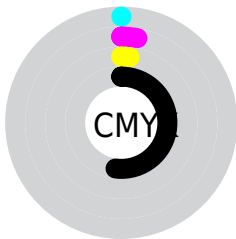
Blue (47%)



Red (48%)

Yellow (46%)

Blue (47%)

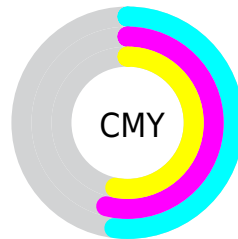


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8342, 18.4264, 20.0694 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 17.8342, 18.4264, 20.0694 by changing the saturation by 10% instead.

■ 17.8342, 18.4264,
20.0694

■ 17.8342, 18.4264,
20.0694

232.9985,
243.2636, 264.9072

■ 10.9300, 11.2566,
12.2609

■ 39.2869, 40.7626,
44.3940

■ 6.0867, 6.2397,
6.7969

■ 54.5661, 56.6977,
61.7472

■ 2.9390, 2.9914,
3.2589

■ 73.3677, 76.3233,
83.1191

■ 1.1216, 1.1272,
1.2283

96.0570, 100.0239,
108.9282

■ 0.0431, 0.0010,
0.0019

122.9994,
128.1839, 139.5930

■ 0.0000, 0.0000,
0.0000

154.5602,

161.1875, 175.5321

191.1048,
199.4193, 217.1640

■ 17.8342, 18.4264,
20.0694

■ 17.8342, 18.4264,
20.0694

■ 15.9659, 15.5276,
16.8632

■ 19.9424, 21.7197,
23.6174

■ 14.3273, 13.0061,
13.9875

■ 22.2970, 25.4190,
27.5158

■ 12.9100, 10.8471,
11.4318

■ 24.9064, 29.5385,
31.7744

■ 11.7041, 9.0339,
9.1849

■ 27.7778, 34.0907,
36.4021

■ 10.6993, 7.5482,
7.2349

■ 30.9184, 39.0878,
41.4077

■ 9.8842, 6.3703,
5.5689

■ 34.3351, 44.5415,
46.7995

■ 9.2464, 5.4784,
4.1731

■ 38.0343, 50.4631,
52.5858

■ 8.7717, 4.8476,
3.0327

■ 42.0224, 56.8632,
58.7743

■ 8.4427, 4.4467,
2.1306

■ 46.3057, 63.7525,
65.3727

Harmonies

Analogous

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



17.7900, 18.4264, 20.5282



17.8342, 18.4264, 20.0694



17.7921, 18.4264, 19.6158

Triad

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



17.8342, 18.4264, 20.0694



17.3568, 18.4264, 19.2805



17.3531, 18.4264, 20.8605

Complementary

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



17.8342, 18.4264, 20.0694



17.8826, 19.1515, 20.8442

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.



17.2383, 18.4264, 20.5174



17.8342, 18.4264, 20.0694



17.2404, 18.4264, 19.6053

Square

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



17.8342, 18.4264, 20.0694



17.5159, 18.4264, 19.1647



17.1971, 18.4264, 20.0570



17.5116, 18.4264, 20.9893

Rectangle

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



17.8342, 18.4264, 20.0694



17.7209, 18.4264, 19.3764



17.1971, 18.4264, 20.0570



17.3082, 18.4264, 20.7661

Sweetspot

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



17.8347, 18.4272, 20.0698



32.1744, 33.6621, 36.6612



17.8770, 18.4278, 21.0271



7.3631, 7.7068, 8.3934



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.



17.8347, 18.4272, 20.0698



31.0912, 31.9747, 34.8235



17.8934, 18.6400, 19.7954



4.2438, 4.3535, 4.7412



8.6998, 4.4561, 1.7102



41.2050, 21.1383, 6.6096

Inverse Universe

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



17.8347, 18.4272, 20.0698



31.0912, 31.9747, 34.8235



17.8220, 18.9319, 21.1273



4.2438, 4.3535, 4.7412



8.6998, 4.4561, 1.7102



41.2050, 21.1383, 6.6096

Previews

White Background



This preview shows how the XYZ color 17.8342, 18.4264, 20.0694 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 17.8342, 18.4264, 20.0694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

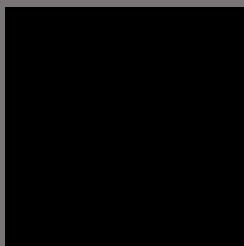
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

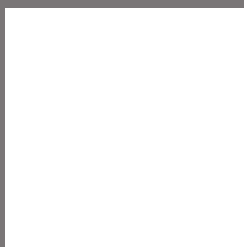
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.8342, 18.4264, 20.0694

Background



This preview shows how black text looks on a background with the XYZ color 17.8342, 18.4264, 20.0694.

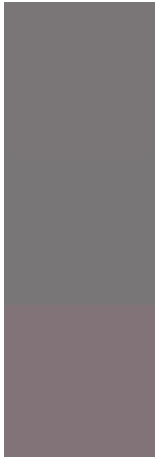


This preview shows how white text looks on a background with the XYZ color 17.8342, 18.4264,

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

17.8342, 18.4264, 20.0694

Protanopia

17.6934, 18.3537, 20.0628

Deuteranopia

18.7268, 18.3634, 20.3268



Tritanopia

18.2956, 18.4399, 22.3336

Trichromacy



Original Color

17.8342, 18.4264, 20.0694

Protanomaly

17.6934, 18.3537, 20.0628

Deuteranomaly

18.3880, 18.3589, 20.3438

Tritanomaly

18.1048, 18.3636, 21.3292

Monochromacy



Original Color

17.8342, 18.4264, 20.0694

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6723, 18.5186, 20.0958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8342, 18.4264, 20.0694 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(122, 118, 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(122, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 118, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.8342, 18.4264, 20.0694 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, 119) }
```


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

```
.border{ border-color:rgb(122, 118, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 118, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 118, 119); box-shadow:4px 4px 4px 4px rgb(122, 118, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8342, 18.4264, 20.0694 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, 119) }
```

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

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