

Converting Colors

XYZ(18.4073, 18.8374, 20.4643)

Have a look what the booklet for
XYZ(18.4073, 18.8374, 20.4643)
contains.

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Color

**XYZ(18.4444, 18.9097,
20.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7778
RGB	125, 119, 120
RGB Percent	49%, 47%, 47%
CMY	0.5098, 0.5333, 0.5294
CMYK	0.00, 0.05, 0.04, 0.51
HSL	350°, 2%, 48%
HSV	350°, 5%, 49%
XYZ	18.4444, 18.9097, 20.4471
YIQ	120.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

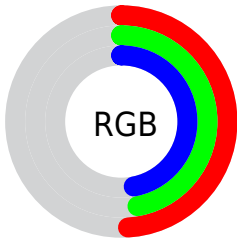
Format	Color
R_{YB}	125, 119, 120
Decimal	8222584
CIE Lab	50.58, 2.49, 0.27
CIE LCh	51, 2.501, 6.086
Yxy	18.9097, 0.3191, 0.3272
Android (android.graphics.Color)	4286412664 (0xFF7D7778)
YUV	120.9080, -0.4476, 3.5887
Hunter-Lab	43.4853, -0.3880, 2.5611

Details

The XYZ color **18.4444, 18.9097, 20.4471** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5801, 20.0448, 21.9595**, and the grayscale version is **18.1454, 19.0903, 20.7894**.

A 20% lighter version of the original color is **40.3694, 41.5694, 44.9257**, and **6.4034, 6.5109, 7.0501** is the 20% darker color. If you saturate the color by 10%, you get **16.4552, 15.8888, 16.8318**, and if you desaturate by 10%, it is **20.6992, 22.3512, 24.4910**.

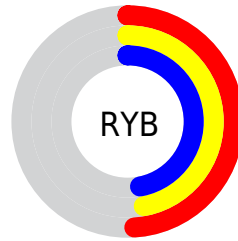
Distribution



Red (49%)

Green (47%)

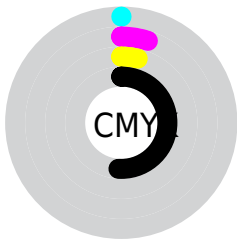
Blue (47%)



Red (49%)

Yellow (47%)

Blue (47%)

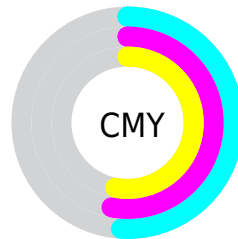


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4444, 18.9097, 20.4471 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 18.4444, 18.9097, 20.4471 by changing the saturation by 10% instead.

■ 18.4444, 18.9097,
20.4471

■ 18.4444, 18.9097,
20.4471

236.3616,
245.9498, 267.0092

■ 11.3711, 11.6050,
12.5332

■ 40.3173, 41.5815,
45.0343

■ 6.3862, 6.4754,
6.9810

■ 55.8476, 57.7174,
62.5446

■ 3.1242, 3.1362,
3.3719

■ 74.9277, 77.5658,
84.0909

■ 1.2198, 1.2033,
1.2875

97.9229, 101.5111,
110.0915

■ 0.1219, 0.0644,
0.0515

125.1985,
129.9378, 140.9651

■ 0.0000, 0.0000,
0.0000

157.1199,

163.2302, 177.1303

194.0525,
201.7728, 219.0054

■ 18.4444, 18.9097,
20.4471

■ 18.4444, 18.9097,
20.4471

■ 16.4552, 15.8888,
16.8318

■ 20.6992, 22.3512,
24.4910

■ 14.7202, 13.2699,
13.6298

■ 23.2273, 26.2259,
28.9758

■ 13.2297, 11.0368,
10.8268

■ 26.0379, 30.5492,
33.9146

■ 11.9724, 9.1713,
8.4068

■ 29.1396, 35.3346,
39.3198

■ 10.9364, 7.6535,
6.3532

■ 32.5404, 40.5955,
45.2031

■ 10.1088, 6.4618,
4.6479

■ 36.2480, 46.3443,
51.5761

■ 9.4749, 5.5721,
3.2713

■ 40.2699, 52.5933,
58.4497

■ 9.0186, 4.9571,
2.2018

■ 44.6133, 59.3542,
65.8347

■ 8.7169, 4.5767,
1.4138

■ 49.2851, 66.6384,
73.7413

Harmonies

Analogous

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



18.4061, 18.9097, 21.1398



18.4444, 18.9097, 20.4471



18.3555, 18.9097, 19.8069

Triad

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



18.4444, 18.9097, 20.4471



17.6978, 18.9097, 19.5210



17.7833, 18.9097, 21.8443

Complementary

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



18.4444, 18.9097, 20.4471



18.5801, 20.0448, 21.9595

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.



17.5960, 18.9097, 21.3923



18.4444, 18.9097, 20.4471



17.5470, 18.9097, 20.0487

Square

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



18.4444, 18.9097, 20.4471



17.9233, 18.9097, 19.2801



17.5099, 18.9097, 20.7325



18.0230, 18.9097, 21.9568

Rectangle

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



18.4444, 18.9097, 20.4471



18.2365, 18.9097, 19.4927



17.5099, 18.9097, 20.7325



17.7122, 18.9097, 21.7265

Sweetspot

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



18.4449, 18.9105, 20.4475



34.4969, 36.0993, 39.2573



18.6112, 18.9603, 22.0809



7.8536, 8.2216, 8.9418



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.



18.4449, 18.9105, 20.4475



32.5229, 33.0917, 35.6998



18.6251, 19.3673, 20.2104



4.4933, 4.5658, 4.9236



8.9644, 4.6054, 1.1361



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4449, 18.9105, 20.4475



32.5229, 33.0917, 35.6998



18.3930, 19.5691, 22.2100



4.4933, 4.5658, 4.9236



8.9644, 4.6054, 1.1361



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.4444, 18.9097, 20.4471 looks on a white background.

Color Contrast Check

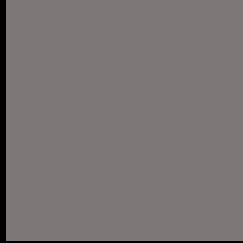
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4444, 18.9097, 20.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

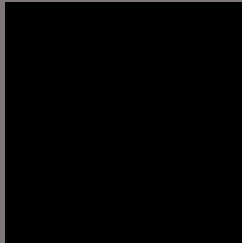
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4444, 18.9097, 20.4471

Background



This preview shows how black text looks on a background with the XYZ color 18.4444, 18.9097, 20.4471.



This preview shows how white text looks on a background with the XYZ color 18.4444, 18.9097,

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

18.4444, 18.9097, 20.4471

Protanopia

18.1327, 18.9266, 20.4668

Deuteranopia

19.2672, 18.9842, 20.4181



Tritanopia

18.9134, 18.9248, 22.7347

Trichromacy



Original Color

18.4444, 18.9097, 20.4471

Protanomaly

18.2750, 19.0000, 20.4735

Deuteranomaly

18.9219, 18.9801, 20.4355

Tritanomaly

18.7207, 18.8477, 21.7201

Monochromacy



Original Color

18.4444, 18.9097, 20.4471

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.1937, 18.9510, 20.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4444, 18.9097, 20.4471 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(125, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(125, 119, 120)  
}
```

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(125, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 119, 120) }
```

Border

The CSS property to change the border of an element to XYZ 18.4444, 18.9097, 20.4471 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(125, 119, 120) }
```


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

```
.border{ border-color:rgb(125, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(125, 119,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4444, 18.9097, 20.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 119, 120) }
```

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

```
.background{ background-color: rgb(125,  
119, 120) }
```

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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