

Converting Colors

XYZ(17.8694, 18.4163, 21.3528)

Have a look what the booklet for
XYZ(17.8694, 18.4163, 21.3528)
contains.

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Color

**XYZ(17.9387, 18.4519,
21.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	79767B
RGB	121, 118, 123
RGB Percent	47%, 46%, 48%
CMY	0.5255, 0.5372, 0.5176
CMYK	0.02, 0.04, 0.00, 0.52
HSL	276°, 2%, 47%
HSV	276°, 4%, 48%
XYZ	17.9387, 18.4519, 21.3550
YIQ	119.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

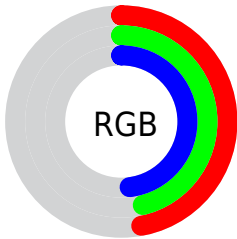
Format	Color
R_{YB}	121, 118, 123
Decimal	7960187
CIE _{Lab}	50.04, 2.15, -2.34
CIE _{LCh}	50, 3.179, 312.606
Yxy	18.4519, 0.3107, 0.3195
Android (android.graphics.Color)	4286150267 (0xFF79767B)
YUV	119.4670, 1.7418, 1.3444
Hunter-Lab	42.9557, -0.6291, 0.5935

Details

The XYZ color **17.9387, 18.4519, 21.3550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0995, 19.4676, 19.9442**, and the grayscale version is **17.6777, 18.5983, 20.2536**.

A 20% lighter version of the original color is **39.3462, 40.7288, 46.3451**, and **6.1738, 6.2912, 7.3675** is the 20% darker color. If you saturate the color by 10%, you get **15.9114, 15.3953, 20.8722**, and if you desaturate by 10%, it is **20.1912, 21.9060, 21.9033**.

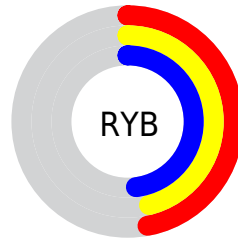
Distribution



Red (47%)

Green (46%)

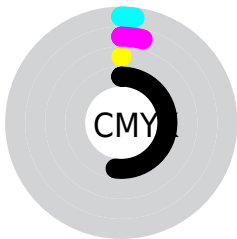
Blue (48%)



Red (47%)

Yellow (46%)

Blue (48%)

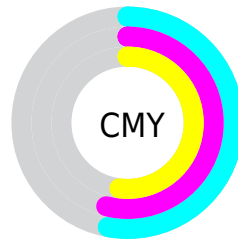


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (52%)



Cyan (53%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9387, 18.4519, 21.3550 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 17.9387, 18.4519, 21.3550 by changing the saturation by 10% instead.

■ 17.9387, 18.4519,
21.3550

■ 17.9387, 18.4519,
21.3550

233.5776,
243.4060, 272.0019

■ 11.0054, 11.2749,
13.1900

■ 39.4637, 40.8059,
46.5660

■ 6.1378, 6.2521,
7.4272

■ 54.7862, 56.7516,
64.4491

■ 2.9705, 2.9989,
3.6482

■ 73.6358, 76.3891,
86.4087

■ 1.1382, 1.1312,
1.4344

96.3778, 100.1027,
112.8632

■ 0.0567, 0.0044,
0.1683

123.3776,
128.2768, 144.2312

■ 0.0000, 0.0000,
0.0000

155.0006,

161.2958, 180.9313

191.6122,
199.5440, 223.3821

■ 17.9387, 18.4519,
21.3550

■ 17.9387, 18.4519,
21.3550

■ 15.9114, 15.3953,
20.8722

■ 20.1912, 21.9060,
21.9033

■ 14.0998, 12.7192,
20.4511

■ 22.6747, 25.7693,
22.5181

■ 12.4964, 10.4085,
20.0896

■ 25.3967, 30.0558,
23.2020

■ 11.0923, 8.4465,
19.7849

■ 28.3640, 34.7782,
23.9571

■ 9.8780, 6.8150,
19.5340

■ 31.5828, 39.9487,
24.7854

■ 8.8432, 5.4941,
19.3336

■ 35.0595, 45.5788,
25.6889

■ 7.9763, 4.4618,
19.1800

■ 38.8000, 51.6800,
26.6694

■ 7.2643, 3.6929,
19.0691

■ 42.8099, 58.2629,
27.7287

■ 6.6899, 3.1534,
18.9952

■ 47.0950, 65.3380,
28.8685

Harmonies

Analogous

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



17.6665, 18.4519, 21.7781



17.9387, 18.4519, 21.3550



18.1046, 18.4519, 20.5982

Triad

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



17.9387, 18.4519, 21.3550



17.7142, 18.4519, 18.5278



16.9709, 18.4519, 20.4604

Complementary

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



17.9387, 18.4519, 21.3550



18.0995, 19.4676, 19.9442

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.



16.9833, 18.4519, 19.5922



17.9387, 18.4519, 21.3550



17.4101, 18.4519, 18.4933

Square

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



17.9387, 18.4519, 21.3550



17.9740, 18.4519, 18.9734



17.1433, 18.4519, 18.8779



17.1091, 18.4519, 21.2517

Rectangle

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



17.9387, 18.4519, 21.3550



18.1314, 18.4519, 20.0146



17.1433, 18.4519, 18.8779



16.9576, 18.4519, 20.1676

Sweetspot

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



17.9392, 18.4527, 21.3554



33.3064, 34.8464, 38.5272



17.7736, 18.7354, 21.4187



7.8510, 8.2174, 9.0754



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.



17.9392, 18.4527, 21.3554



31.7205, 32.4302, 38.1444



18.1965, 18.5883, 21.2316



4.1843, 4.2701, 5.0469



6.5949, 2.9725, 19.6115



30.4781, 13.6741, 93.5028

Inverse Universe

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



18.0377, 18.5248, 20.3955



31.9428, 32.5928, 35.9858



17.8497, 19.3359, 20.0620



4.2155, 4.2929, 4.7438



9.0262, 4.5866, 3.4291



42.6597, 21.7202, 14.2699

Previews

White Background



This preview shows how the XYZ color 17.9387, 18.4519, 21.3550 looks on a white background.

Color Contrast Check

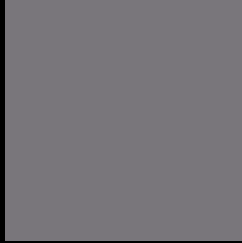
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9387, 18.4519, 21.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

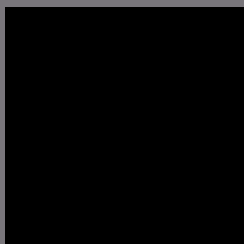
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

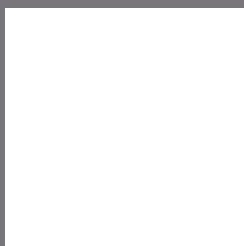
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9387, 18.4519, 21.3550

Background



This preview shows how black text looks on a background with the XYZ color 17.9387, 18.4519, 21.3550.



This preview shows how white text looks on a background with the XYZ color 17.9387, 18.4519,

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

17.9387, 18.4519, 21.3550

Protanopia

17.7993, 18.3800, 21.3485

Deuteranopia

18.6709, 18.3059, 21.6181



Tritanopia

18.2181, 18.3925, 22.6686

Trichromacy



Original Color

17.9387, 18.4519, 21.3550

Protanomaly

17.7993, 18.3800, 21.3485

Deuteranomaly

18.3409, 18.3060, 21.6355

Tritanomaly

18.1532, 18.3665, 22.3270

Monochromacy



Original Color

17.9387, 18.4519, 21.3550

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7327, 18.5428, 20.4138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9387, 18.4519, 21.3550 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(121, 118, 123)` looks like.

```
.text, #text, p{  
    color:rgb(121, 118, 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(121, 118, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 118, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.9387, 18.4519, 21.3550 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(121, 118, 123) }
```


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

```
.border{ border-color:rgb(121, 118, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 118, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 118, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 118, 123);  
box-shadow:4px 4px 4px 4px rgb(121, 118,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9387, 18.4519, 21.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 118, 123) }
```

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

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