

Converting Colors

XYZ(17.8873, 18.9084, 19.1483)

Have a look what the booklet for
XYZ(17.8873, 18.9084, 19.1483)
contains.

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Color

**XYZ(17.8949, 18.8315,
19.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7874
RGB	122, 120, 116
RGB Percent	48%, 47%, 45%
CMY	0.5216, 0.5294, 0.5451
CMYK	0.00, 0.02, 0.05, 0.52
HSL	40°, 3%, 47%
HSV	40°, 5%, 48%
XYZ	17.8949, 18.8315, 19.2147
YIQ	120.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

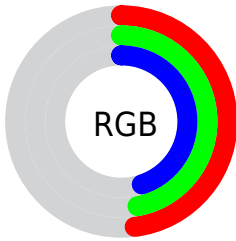
Format	Color
R_{YB}	119, 122, 116
Decimal	8026228
CIE Lab	50.49, -0.02, 2.46
CIE LCh	50, 2.456, 90.483
Yxy	18.8315, 0.3199, 0.3366
Android (android.graphics.Color)	4286216308 (0xFF7A7874)
YUV	120.1420, -2.0420, 1.6295
Hunter-Lab	43.3953, -2.3337, 4.1241

Details

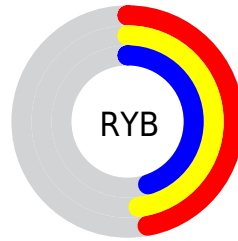
The XYZ color **17.8949, 18.8315, 19.2147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1937, 18.0747, 20.9951**, and the grayscale version is **17.9043, 18.8367, 20.5131**.

A 20% lighter version of the original color is **39.2760, 41.3309, 42.9534**, and **6.1084, 6.4686, 6.3954** is the 20% darker color. If you saturate the color by 10%, you get **16.7534, 17.6104, 15.5599**, and if you desaturate by 10%, it is **19.1514, 20.1330, 23.3682**.

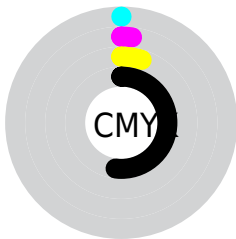
Distribution



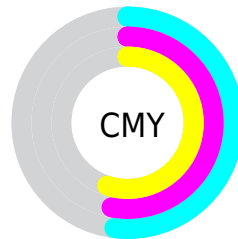
- Red (48%)
- Green (47%)
- Blue (45%)



- Red (47%)
- Yellow (48%)
- Blue (45%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8949, 18.8315, 19.2147 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 17.8949, 18.8315, 19.2147 by changing the saturation by 10% instead.

■ 17.8949, 18.8315,
19.2147

■ 17.8949, 18.8315,
19.2147

233.3350,
245.5170, 260.0936

■ 10.9738, 11.5486,
11.6471

■ 39.3896, 41.4492,
42.9381

■ 6.1164, 6.4371,
6.3843

■ 54.6940, 57.5527,
59.9310

■ 2.9573, 3.1126,
3.0076

■ 73.5235, 77.3653,
80.9028

■ 1.1312, 1.1908,
1.0985

96.2434, 101.2713,
106.2720

■ 0.0510, 0.0542,
0.0000

123.2192,
129.6550, 136.4571

■ 0.0000, 0.0000,
0.0000

154.8161,

162.9009, 171.8767

191.3996,
201.3935, 212.9494

■ 17.8949, 18.8315,
19.2147

■ 17.8949, 18.8315,
19.2147

■ 16.7534, 17.6104,
15.5599

■ 19.1514, 20.1330,
23.3682

■ 15.7214, 16.4653,
12.3835

■ 20.5250, 21.5142,
28.0372

■ 14.7955, 15.3949,
9.6656

■ 22.0198, 22.9779,
33.2392

■ 13.9712, 14.3971,
7.3844

■ 23.6389, 24.5256,
38.9905

■ 13.2438, 13.4695,
5.5164

■ 25.3856, 26.1592,
45.3069

■ 12.6081, 12.6097,
4.0358

■ 27.2631, 27.8800,
52.2032

■ 12.0584, 11.8149,
2.9138

■ 29.2741, 29.6898,
59.6940

■ 11.5883, 11.0820,
2.1179

■ 31.4217, 31.5900,
67.7932

■ 11.1878, 10.4067,
1.5971

■ 33.7085, 33.5820,
76.5141

Harmonies

Analogous

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



18.1264, 18.8315, 19.3789



17.8949, 18.8315, 19.2147



17.6664, 18.8315, 19.3896

Triad

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



17.8949, 18.8315, 19.2147



17.5052, 18.8315, 21.1800



18.3021, 18.8315, 21.1604

Complementary

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



17.8949, 18.8315, 19.2147



17.1937, 18.0747, 20.9951

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.



18.1332, 18.8315, 21.6609



17.8949, 18.8315, 19.2147



17.6730, 18.8315, 21.6725

Square

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



17.8949, 18.8315, 19.2147



17.4426, 18.8315, 20.5154



17.9027, 18.8315, 21.8504



18.3628, 18.8315, 20.4932

Rectangle

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



17.8949, 18.8315, 19.2147



17.5462, 18.8315, 19.6772



17.9027, 18.8315, 21.8504



18.2561, 18.8315, 21.3542

Sweetspot

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



17.8954, 18.8323, 19.2151



32.3193, 34.0057, 36.5437



17.5417, 17.9367, 19.6774



7.3937, 7.7795, 8.3685



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.



17.8954, 18.8323, 19.2151



31.2260, 32.8603, 32.9693



17.9973, 19.2452, 19.2894



4.2773, 4.5011, 4.5033



11.5705, 10.5968, 1.4356



54.3859, 48.9352, 6.5790

Inverse Universe

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



17.1937, 18.0747, 20.9951



29.6955, 31.2079, 36.8515



17.0946, 17.6781, 20.9238



4.0606, 4.2672, 5.0528



4.5122, 3.1069, 19.7472



20.8158, 13.4042, 93.9600

Previews

White Background



This preview shows how the XYZ color 17.8949, 18.8315, 19.2147 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 17.8949, 18.8315, 19.2147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

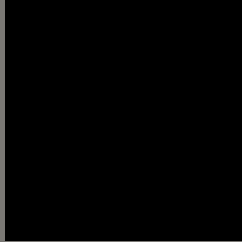
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

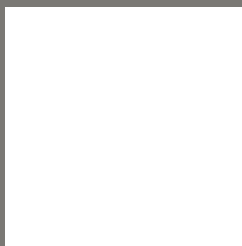
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.8949, 18.8315, 19.2147

Background



This preview shows how black text looks on a background with the XYZ color 17.8949, 18.8315, 19.2147.



This preview shows how white text looks on a background with the XYZ color 17.8949, 18.8315,

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

17.8949, 18.8315, 19.2147

Protanopia

18.0372, 18.9048, 19.2213

Deuteranopia

19.1291, 18.7617, 19.4428



Tritanopia

18.6869, 18.8005, 23.0660

Trichromacy



Original Color

17.8949, 18.8315, 19.2147

Protanomaly

18.0372, 18.9048, 19.2213

Deuteranomaly

18.6254, 18.6741, 19.4524

Tritanomaly

18.4033, 18.8598, 21.7391

Monochromacy



Original Color

17.8949, 18.8315, 19.2147

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9314, 18.8298, 20.1422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8949, 18.8315, 19.2147 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, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(122, 120, 116)  
}
```

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, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 120, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.8949, 18.8315, 19.2147 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, 120, 116) }
```


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

```
.border{ border-color:rgb(122, 120, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 120, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 120, 116); box-shadow:4px 4px 4px 4px rgb(122, 120, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8949, 18.8315, 19.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 120, 116) }
```

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

```
.background{ background-color: rgb(122,  
120, 116) }
```

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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