

Converting Colors

XYZ(18.5214, 19.6849, 19.9629)

Have a look what the booklet for
XYZ(18.5214, 19.6849, 19.9629)
contains.

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Color

**XYZ(18.5214, 19.6849,
19.9629)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7B76
RGB	123, 123, 118
RGB Percent	48%, 48%, 46%
CMY	0.5176, 0.5176, 0.5373
CMYK	0.00, 0.00, 0.04, 0.52
HSL	60°, 2%, 47%
HSV	60°, 4%, 48%
XYZ	18.5214, 19.6849, 19.9629
YIQ	122.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

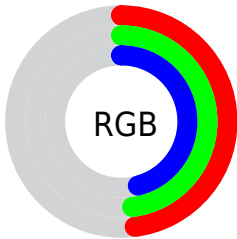
Format	Color
R_{YB}	118, 123, 118
Decimal	8092534
CIE Lab	51.48, -0.98, 2.72
CIE LCh	51, 2.895, 109.788
Yxy	19.6849, 0.3184, 0.3384
Android (android.graphics.Color)	4286282614 (0xFF7B7B76)
YUV	122.4300, -2.1840, 0.4999
Hunter-Lab	44.3677, -3.1281, 4.3803

Details

The XYZ color **18.5214, 19.6849, 19.9629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5255, 18.2390, 21.3367**, and the grayscale version is **18.6464, 19.6174, 21.3634**.

A 20% lighter version of the original color is **40.2649, 42.6762, 44.1454**, and **6.3783, 6.7956, 6.7699** is the 20% darker color. If you saturate the color by 10%, you get **17.8371, 19.4118, 16.3609**, and if you desaturate by 10%, it is **19.3021, 19.9979, 24.0679**.

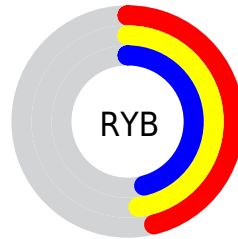
Distribution



Red (48%)

Green (48%)

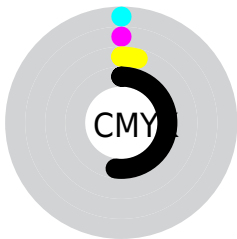
Blue (46%)



Red (46%)

Yellow (48%)

Blue (46%)

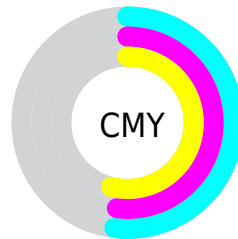


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5214, 19.6849, 19.9629 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 18.5214, 19.6849, 19.9629 by changing the saturation by 10% instead.

■ 18.5214, 19.6849,
19.9629

■ 18.5214, 19.6849,
19.9629

236.7829,
250.2042, 264.3118

■ 11.4269, 12.1662,
12.1843

■ 40.4470, 42.8883,
44.2131

■ 6.4242, 6.8570,
6.7452

■ 56.0087, 59.3417,
61.5218

■ 3.1478, 3.3728,
3.2273

■ 75.1237, 79.5422,
82.8442

■ 1.2324, 1.3293,
1.2118

98.1571, 103.8742,
108.5990

■ 0.1317, 0.1637,
0.0000

125.4744,
132.7219, 139.2046

■ 0.0000, 0.0000,
0.0000

157.4409,

166.4699, 175.0795

194.4219,
205.5025, 216.6424

■ 18.5214, 19.6849,
19.9629

■ 18.5214, 19.6849,
19.9629

■ 17.8371, 19.4118,
16.3609

■ 19.3021, 19.9979,
24.0679

■ 17.2440, 19.1744,
13.2413

■ 20.1811, 20.3496,
28.6928

■ 16.7387, 18.9722,
10.5840

■ 21.1621, 20.7421,
33.8554

■ 16.3170, 18.8035,
8.3671

■ 22.2484, 21.1767,
39.5721

■ 15.9745, 18.6663,
6.5667

■ 23.4430, 21.6546,
45.8589

■ 15.7060, 18.5589,
5.1570

■ 24.7487, 22.1769,
52.7308

■ 15.5063, 18.4789,
4.1088

■ 26.1683, 22.7448,
60.2025

■ 15.3690, 18.4239,
3.3894

■ 27.7044, 23.3594,
68.2881

■ 15.2855, 18.3905,
2.9537

■ 29.3597, 24.0216,
77.0012

Harmonies

Analogous

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



18.8091, 19.6849, 19.8970



18.5214, 19.6849, 19.9629



18.2865, 19.6849, 20.4170

Triad

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



18.5214, 19.6849, 19.9629



18.3515, 19.6849, 22.6788



19.2652, 19.6849, 21.7184

Complementary

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



18.5214, 19.6849, 19.9629



17.5255, 18.2390, 21.3367

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.



19.1398, 19.6849, 22.4832



18.5214, 19.6849, 19.9629



18.6110, 19.6849, 23.0471

Square

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



18.5214, 19.6849, 19.9629



18.1891, 19.6849, 21.9798



18.8997, 19.6849, 22.9746



19.2406, 19.6849, 20.8964

Rectangle

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



18.5214, 19.6849, 19.9629



18.1905, 19.6849, 20.8854



18.8997, 19.6849, 22.9746



19.2391, 19.6849, 21.9911

Sweetspot

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



18.5219, 19.6858, 19.9633



33.5729, 35.4130, 37.8866



17.9174, 18.4763, 19.7617



7.9093, 8.3412, 8.9353



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.



18.5219, 19.6858, 19.9633



33.0289, 35.1953, 35.0242



18.1689, 19.5038, 19.9468



4.3679, 4.6580, 4.6092



15.7702, 19.0070, 2.8375



75.2234, 90.6645, 13.5353

Inverse Universe

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



17.5255, 18.2390, 21.3367



30.7963, 31.9538, 38.1012



17.8694, 18.4163, 21.3528



4.0548, 4.2033, 5.0408



3.6991, 1.4797, 19.4759



17.6434, 7.0575, 92.9021

Previews

White Background



This preview shows how the XYZ color 18.5214, 19.6849, 19.9629 looks on a white background.

Color Contrast Check

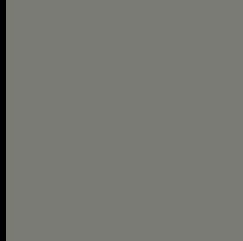
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5214, 19.6849, 19.9629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

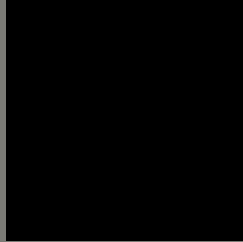
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5214, 19.6849, 19.9629

Background



This preview shows how black text looks on a background with the XYZ color 18.5214, 19.6849, 19.9629.



This preview shows how white text looks on a background with the XYZ color 18.5214, 19.6849,

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

18.5214, 19.6849, 19.9629

Protanopia

18.7746, 19.6390, 19.6308

Deuteranopia

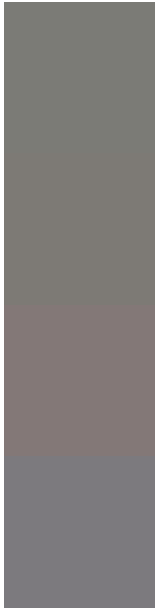
20.0799, 19.7598, 20.2085



Tritanopia

19.3916, 19.6734, 24.2480

Trichromacy



Original Color

18.5214, 19.6849, 19.9629

Protanomaly

18.6279, 19.5634, 19.6239

Deuteranomaly

19.4063, 19.5901, 20.2112

Tritanomaly

19.0376, 19.7105, 22.5398

Monochromacy



Original Color

18.5214, 19.6849, 19.9629

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4368, 19.4371, 20.8692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5214, 19.6849, 19.9629 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(123, 123, 118)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 118)  
}
```

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(123, 123, 118) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 18.5214, 19.6849, 19.9629 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(123, 123, 118) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 18.5214, 19.6849, 19.9629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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