

Converting Colors

XYZ(18.0640, 18.8282, 18.2324)

Have a look what the booklet for
XYZ(18.0640, 18.8282, 18.2324)
contains.

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Color

**XYZ(18.0349, 18.7459,
18.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7771
RGB	125, 119, 113
RGB Percent	49%, 47%, 44%
CMY	0.5098, 0.5333, 0.5569
CMYK	0.00, 0.05, 0.10, 0.51
HSL	30°, 5%, 47%
HSV	30°, 10%, 49%
XYZ	18.0349, 18.7459, 18.2906
YIQ	120.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

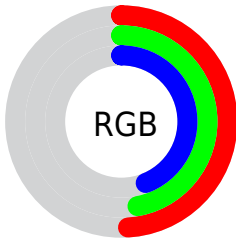
Format	Color
RYB	125, 125, 113
Decimal	8222577
CIELab	50.39, 1.16, 4.11
CIElCh	50, 4.270, 74.243
Yxy	18.7459, 0.3275, 0.3404
Android (android.graphics.Color)	4286412657 (0xFF7D7771)
YUV	120.1100, -3.5052, 4.2885
Hunter-Lab	43.2965, -1.4159, 5.2605

Details

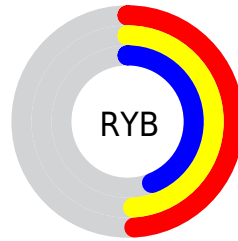
The XYZ color **18.0349, 18.7459, 18.2906** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1085, 18.1847, 22.0104**, and the grayscale version is **17.8979, 18.8299, 20.5058**.

A 20% lighter version of the original color is **39.7145, 41.3074, 41.4773**, and **6.1879, 6.4246, 5.9150** is the 20% darker color. If you saturate the color by 10%, you get **16.6600, 17.0457, 14.5962**, and if you desaturate by 10%, it is **19.5567, 20.5843, 22.5127**.

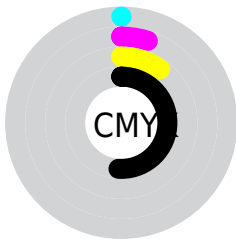
Distribution



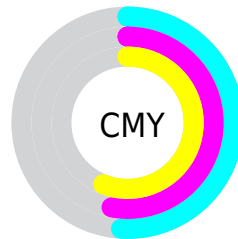
- Red (49%)
- Green (47%)
- Blue (44%)



- Red (49%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0349, 18.7459, 18.2906 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 18.0349, 18.7459, 18.2906 by changing the saturation by 10% instead.

■ 18.0349, 18.7459,
18.2906

■ 18.0349, 18.7459,
18.2906

234.1095,
245.0424, 254.7948

■ 11.0749, 11.4868,
10.9872

■ 39.6264, 41.3043,
41.3525

■ 6.1849, 6.3953,
5.9442

■ 54.9886, 57.3724,
57.9481

■ 2.9996, 3.0869,
2.7429

■ 73.8822, 77.1456,
78.4782

■ 1.1535, 1.1773,
0.9649

■ 96.6727, 101.0083,
103.3613

■ 0.0692, 0.0430,
0.0000

123.7253,
129.3450, 133.0160

■ 0.0000, 0.0000,
0.0000

155.4053,

162.5399, 167.8608

192.0783,
200.9776, 208.3142

■ 18.0349, 18.7459,
18.2906

■ 18.0349, 18.7459,
18.2906

■ 16.6600, 17.0457,
14.5962

■ 19.5567, 20.5843,
22.5127

■ 15.4256, 15.4778,
11.4072

■ 21.2284, 22.5617,
27.2812

■ 14.3270, 14.0395,
8.7016

■ 23.0549, 24.6821,
32.6152

■ 13.3587, 12.7268,
6.4552

■ 25.0406, 26.9486,
38.5327

■ 12.5147, 11.5359,
4.6416

■ 27.1894, 29.3642,
45.0508

■ 11.7886, 10.4623,
3.2319

■ 29.5051, 31.9316,
52.1860

■ 11.1730, 9.5015,
2.1934

■ 31.9916, 34.6538,
59.9540

■ 10.6598, 8.6484,
1.4883

■ 34.6525, 37.5333,
68.3700

■ 10.2255, 7.8915,
0.9987

■ 37.4912, 40.5728,
77.4486

Harmonies

Analogous

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



18.3950, 18.7459, 18.8584



18.0349, 18.7459, 18.2906



17.6219, 18.7459, 18.2761

Triad

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



18.0349, 18.7459, 18.2906



17.0554, 18.7459, 20.9783



18.3797, 18.7459, 22.0917

Complementary

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



18.0349, 18.7459, 18.2906



17.1085, 18.1847, 22.0104

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.



18.0144, 18.7459, 22.7062



18.0349, 18.7459, 18.2906



17.2521, 18.7459, 22.0467

Square

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



18.0349, 18.7459, 18.2906



17.0607, 18.7459, 19.7970



17.6017, 18.7459, 22.6895



18.5961, 18.7459, 21.0377

Rectangle

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



18.0349, 18.7459, 18.2906



17.3724, 18.7459, 18.5804



17.6017, 18.7459, 22.6895



18.2700, 18.7459, 22.3583

Sweetspot

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



18.0354, 18.7467, 18.2910



34.0448, 35.6903, 37.5797



17.6926, 17.5024, 19.8988



7.6986, 8.0636, 8.4217



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.



18.0354, 18.7467, 18.2910



31.6088, 32.7272, 30.8830



18.7719, 20.2196, 18.5365



4.4916, 4.6719, 4.5852



10.6479, 8.1923, 1.0201



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.1085, 18.1847, 22.0104



29.5209, 31.4611, 39.2611



16.4171, 16.8019, 21.7800



4.2725, 4.5391, 5.4642



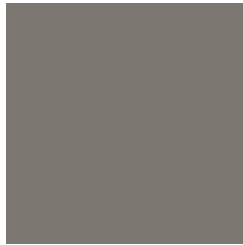
5.6812, 5.1809, 20.9505



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.0349, 18.7459, 18.2906 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 18.0349, 18.7459, 18.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

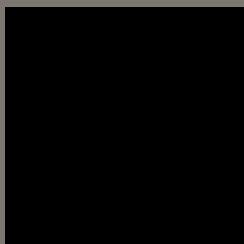
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

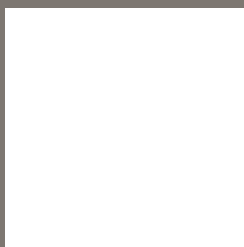
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0349, 18.7459, 18.2906

Background



This preview shows how black text looks on a background with the XYZ color 18.0349, 18.7459, 18.2906.

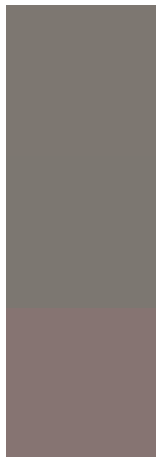


This preview shows how white text looks on a background with the XYZ color 18.0349, 18.7459,

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

18.0349, 18.7459, 18.2906

Protanopia

17.8896, 18.6710, 18.2838

Deuteranopia

19.1142, 18.7740, 18.5359



Tritanopia

18.8796, 18.7410, 22.3610

Trichromacy



Original Color

18.0349, 18.7459, 18.2906

Protanomaly

17.8896, 18.6710, 18.2838

Deuteranomaly

18.7586, 18.7628, 18.5525

Tritanomaly

18.5338, 18.7730, 20.7359

Monochromacy



Original Color

18.0349, 18.7459, 18.2906

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9534, 18.8549, 19.5227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0349, 18.7459, 18.2906 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(125, 119, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 119, 113) }
```

Border

The CSS property to change the border of an element to XYZ 18.0349, 18.7459, 18.2906 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, 113) }
```


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

```
.border{ border-color:rgb(125, 119, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 119, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 119, 113);  
box-shadow:4px 4px 4px 4px rgb(125, 119,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0349, 18.7459, 18.2906 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, 113) }
```

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

```
.background{ background-color: rgb(125,  
119, 113) }
```

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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