

Converting Colors

XYZ(18.0343, 18.8370, 18.7435)

Have a look what the booklet for
XYZ(18.0343, 18.8370, 18.7435)
contains.

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Color

**XYZ(18.0659, 18.9329,
18.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7872
RGB	124, 120, 114
RGB Percent	49%, 47%, 45%
CMY	0.5137, 0.5294, 0.5529
CMYK	0.00, 0.03, 0.08, 0.51
HSL	36°, 4%, 47%
HSV	36°, 8%, 49%
XYZ	18.0659, 18.9329, 18.6218
YIQ	120.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

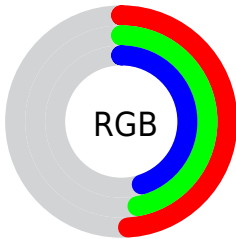
Format	Color
R_{YB}	121, 124, 114
Decimal	8157298
CIE Lab	50.61, 0.38, 3.83
CIE LCh	51, 3.845, 84.392
Yxy	18.9329, 0.3248, 0.3404
Android (android.graphics.Color)	4286347378 (0xFF7C7872)
YUV	120.5120, -3.2104, 3.0590
Hunter-Lab	43.5120, -2.0338, 5.0840

Details

The XYZ color **18.0659, 18.9329, 18.6218** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0559, 17.9892, 21.6423**, and the grayscale version is **18.0261, 18.9649, 20.6528**.

A 20% lighter version of the original color is **39.7669, 41.6053, 42.0111**, and **6.2024, 6.5239, 6.0866** is the 20% darker color. If you saturate the color by 10%, you get **16.8268, 17.5085, 14.9594**, and if you desaturate by 10%, it is **19.4327, 20.4590, 22.7993**.

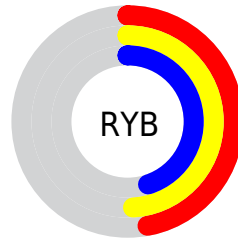
Distribution



Red (49%)

Green (47%)

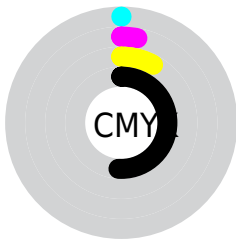
Blue (45%)



Red (47%)

Yellow (49%)

Blue (45%)

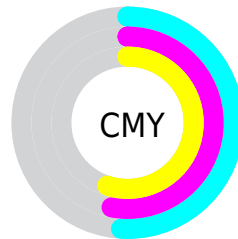


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0659, 18.9329, 18.6218 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 18.0659, 18.9329, 18.6218 by changing the saturation by 10% instead.

■ 18.0659, 18.9329,
18.6218

■ 18.0659, 18.9329,
18.6218

234.2806,
246.0781, 256.7056

■ 11.0973, 11.6218,
11.2233

■ 39.6788, 41.6207,
41.9222

■ 6.2001, 6.4867,
6.1012

■ 55.0538, 57.7662,
58.6612

■ 3.0089, 3.1432,
2.8369

■ 73.9616, 77.6252,
79.3507

■ 1.1585, 1.2070,
1.0120

■ 96.7676, 101.5823,
104.4093

■ 0.0732, 0.0674,
0.0000

123.8371,
130.0217, 134.2556

■ 0.0000, 0.0000,
0.0000

155.5356,

163.3279, 169.3080

192.2283,
201.8852, 209.9852

■ 18.0659, 18.9329,
18.6218

■ 18.0659, 18.9329,
18.6218

■ 16.8268, 17.5085,
14.9594

■ 19.4327, 20.4590,
22.7993

■ 15.7094, 16.1808,
11.7907

■ 20.9296, 22.0867,
27.5100

■ 14.7098, 14.9481,
9.0943

■ 22.5610, 23.8190,
32.7723

■ 13.8230, 13.8077,
6.8471

■ 24.3307, 25.6582,
38.6035

■ 13.0439, 12.7566,
5.0237

■ 26.2421, 27.6062,
45.0203

■ 12.3666, 11.7918,
3.5963

■ 28.2986, 29.6652,
52.0385

■ 11.7848, 10.9099,
2.5338

■ 30.5036, 31.8370,
59.6733

■ 11.2911, 10.1071,
1.8003

■ 32.8602, 34.1237,
67.9395

■ 10.8679, 9.3753,
1.3057

■ 35.3715, 36.5270,
76.8513

Harmonies

Analogous

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



18.4194, 18.9329, 18.9766



18.0659, 18.9329, 18.6218



17.6982, 18.9329, 18.7857

Triad

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



18.0659, 18.9329, 18.6218



17.3447, 18.9329, 21.4818



18.5894, 18.9329, 21.8440

Complementary

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



18.0659, 18.9329, 18.6218



17.0559, 17.9892, 21.6423

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.



18.2954, 18.9329, 22.5587



18.0659, 18.9329, 18.6218



17.5775, 18.9329, 22.3445

Square

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



18.0659, 18.9329, 18.6218



17.2851, 18.9329, 20.4130



17.9246, 18.9329, 22.7450



18.7244, 18.9329, 20.8177

Rectangle

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



18.0659, 18.9329, 18.6218



17.4941, 18.9329, 19.1702



17.9246, 18.9329, 22.7450



18.5057, 18.9329, 22.1301

Sweetspot

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



18.0664, 18.9337, 18.6222



33.2118, 34.9122, 37.0825



17.5997, 17.6280, 19.6147



7.8303, 8.2317, 8.7594



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.



18.0664, 18.9337, 18.6222



31.2996, 32.7587, 31.2940



18.4135, 19.8414, 18.7791



4.1796, 4.3777, 4.2492



10.9661, 9.3881, 1.2341



51.4596, 43.0827, 5.6036

Inverse Universe

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



17.0559, 17.9892, 21.6423



29.0740, 30.6786, 37.9458



16.7259, 17.1350, 21.4948



3.9169, 4.1322, 5.0343



4.8370, 3.7565, 19.8554



22.2883, 16.3493, 94.4508

Previews

White Background



This preview shows how the XYZ color 18.0659, 18.9329, 18.6218 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 18.0659, 18.9329, 18.6218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

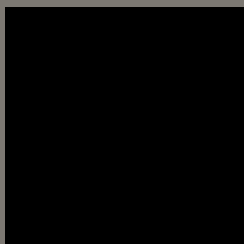
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

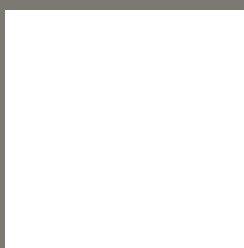
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0659, 18.9329, 18.6218

Background



This preview shows how black text looks on a background with the XYZ color 18.0659, 18.9329, 18.6218.



This preview shows how white text looks on a background with the XYZ color 18.0659, 18.9329,

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

18.0659, 18.9329, 18.6218

Protanopia

18.0659, 18.9329, 18.6218

Deuteranopia

19.1714, 18.7969, 18.8374



Tritanopia

18.9134, 18.9248, 22.7347

Trichromacy



Original Color

18.0659, 18.9329, 18.6218

Protanomaly

18.0659, 18.9329, 18.6218

Deuteranomaly

18.6617, 18.7062, 18.8467

Tritanomaly

18.5671, 18.9588, 21.0932

Monochromacy



Original Color

18.0659, 18.9329, 18.6218

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.1334, 19.1203, 19.8744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0659, 18.9329, 18.6218 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(124, 120, 114)` looks like.

```
.text, #text, p{  
    color:rgb(124, 120, 114)  
}
```

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(124, 120, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 120, 114) }
```

Border

The CSS property to change the border of an element to XYZ 18.0659, 18.9329, 18.6218 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(124, 120, 114) }
```


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

```
.border{ border-color:rgb(124, 120, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 120, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 120, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 120, 114);  
box-shadow:4px 4px 4px 4px rgb(124, 120,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0659, 18.9329, 18.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 120, 114) }
```

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

```
.background{ background-color: rgb(124,  
120, 114) }
```

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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