

Converting Colors

XYZ(18.1258, 19.2008, 18.1308)

Have a look what the booklet for
XYZ(18.1258, 19.2008, 18.1308)
contains.

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Color

**XYZ(18.0742, 19.1297,
18.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7970
RGB	124, 121, 112
RGB Percent	49%, 47%, 44%
CMY	0.5137, 0.5255, 0.5608
CMYK	0.00, 0.02, 0.10, 0.51
HSL	45°, 5%, 46%
HSV	45°, 10%, 49%
XYZ	18.0742, 19.1297, 18.0690
YIQ	120.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

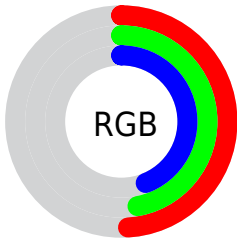
Format	Color
R_{YB}	116, 124, 112
Decimal	8157552
CIE Lab	50.84, -0.57, 5.33
CIE LCh	51, 5.364, 96.118
Yxy	19.1297, 0.3270, 0.3461
Android (android.graphics.Color)	4286347632 (0xFF7C7970)
YUV	120.8710, -4.3734, 2.7441
Hunter-Lab	43.7375, -2.7769, 6.1222

Details

The XYZ color **18.0742, 19.1297, 18.0690** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4509, 17.1612, 21.5144**, and the grayscale version is **18.1454, 19.0903, 20.7894**.

A 20% lighter version of the original color is **39.7759, 41.9146, 41.1159**, and **6.2096, 6.6311, 5.8031** is the 20% darker color. If you saturate the color by 10%, you get **17.0606, 18.1322, 14.5562**, and if you desaturate by 10%, it is **19.1961, 20.1911, 22.0875**.

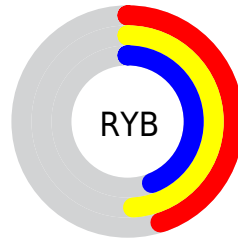
Distribution



Red (49%)

Green (47%)

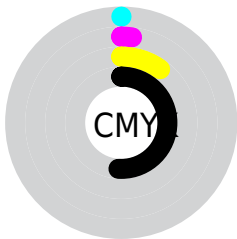
Blue (44%)



Red (45%)

Yellow (49%)

Blue (44%)

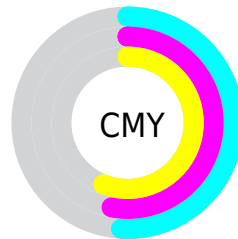


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0742, 19.1297, 18.0690 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 18.0742, 19.1297, 18.0690 by changing the saturation by 10% instead.

■ 18.0742, 19.1297,
18.0690

■ 18.0742, 19.1297,
18.0690

234.3264,
247.1638, 253.5088

■ 11.1033, 11.7640,
10.8296

■ 39.6928, 41.9531,
40.9704

■ 6.2042, 6.5832,
5.8396

■ 55.0712, 58.1797,
57.4694

■ 3.0114, 3.2028,
2.6806

■ 73.9828, 78.1287,
77.8921

■ 1.1598, 1.2385,
0.9336

■ 96.7930, 102.1845,
102.6570

■ 0.0743, 0.0928,
0.0000

123.8671,
130.7315, 132.1825

■ 0.0000, 0.0000,
0.0000

155.5705,

164.1542, 166.8873

192.2685,
202.8368, 207.1899

■ 18.0742, 19.1297,
18.0690

■ 18.0742, 19.1297,
18.0690

■ 17.0606, 18.1322,
14.5562

■ 19.1961, 20.1911,
22.0875

■ 16.1497, 17.1943,
11.5275

■ 20.4284, 21.3156,
26.6298

■ 15.3378, 16.3150,
8.9616

■ 21.7752, 22.5055,
31.7143

■ 14.6203, 15.4923,
6.8350

■ 23.2399, 23.7625,
37.3586

■ 13.9923, 14.7240,
5.1222

■ 24.8258, 25.0880,
43.5790

■ 13.4483, 14.0077,
3.7951

■ 26.5359, 26.4834,
50.3916

■ 12.9822, 13.3408,
2.8219

■ 28.3733, 27.9501,
57.8115

■ 12.5869, 12.7203,
2.1659

■ 30.3409, 29.4893,
65.8534

■ 12.2399, 12.1369,
1.7090

■ 32.4414, 31.1024,
74.5315

Harmonies

Analogous

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



18.5964, 19.1297, 18.2813



18.0742, 19.1297, 18.0690



17.5902, 19.1297, 18.5669

Triad

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



18.0742, 19.1297, 18.0690



17.3742, 19.1297, 22.5907



19.1267, 19.1297, 22.0288

Complementary

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



18.0742, 19.1297, 18.0690



16.4509, 17.1612, 21.5144

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.



18.7874, 19.1297, 23.2678



18.0742, 19.1297, 18.0690



17.7742, 19.1297, 23.6031

Square

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



18.0742, 19.1297, 18.0690



17.1911, 19.1297, 21.1405



18.2906, 19.1297, 23.8566



19.2107, 19.1297, 20.5206

Rectangle

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



18.0742, 19.1297, 18.0690



17.3521, 19.1297, 19.2493



18.2906, 19.1297, 23.8566



19.0384, 19.1297, 22.4928

Sweetspot

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



18.0747, 19.1305, 18.0694



33.0889, 34.8853, 36.3669



17.2011, 17.1115, 18.6162



7.7587, 8.1838, 8.4417



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.



18.0747, 19.1305, 18.0694



31.3237, 33.1963, 30.1013



18.0177, 19.6504, 18.1728



4.2270, 4.4724, 4.2650



12.4296, 12.3151, 1.7219



58.5895, 57.3425, 7.9802

Inverse Universe

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



16.4509, 17.1612, 21.5144



27.7579, 28.8719, 37.6665



16.5027, 16.6887, 21.4205



3.8715, 4.0413, 5.0192



4.1940, 2.4705, 19.6411



19.4230, 10.6186, 93.4957

Previews

White Background



This preview shows how the XYZ color 18.0742, 19.1297, 18.0690 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 18.0742, 19.1297, 18.0690 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

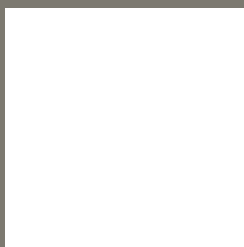
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0742, 19.1297, 18.0690

Background



This preview shows how black text looks on a background with the XYZ color 18.0742, 19.1297, 18.0690.



This preview shows how white text looks on a background with the XYZ color 18.0742, 19.1297,

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

18.0742, 19.1297, 18.0690

Protanopia

18.2194, 19.2046, 18.0758

Deuteranopia

19.4953, 19.1491, 18.2914



Tritanopia

19.0973, 19.1878, 23.1192

Trichromacy



Original Color

18.0742, 19.1297, 18.0690

Protanomaly

18.2194, 19.2046, 18.0758

Deuteranomaly

18.9748, 19.0547, 18.3006

Tritanomaly

18.6868, 19.1981, 21.1331

Monochromacy



Original Color

18.0742, 19.1297, 18.0690

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 18.0742, 19.1297, 18.0690 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, 121, 112)` looks like.

```
.text, #text, p{  
    color:rgb(124, 121, 112)  
}
```

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, 121, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 121, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.0742, 19.1297, 18.0690 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, 121, 112) }
```


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

```
.border{ border-color:rgb(124, 121, 112) }
```

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

Here you see how a box with a 4 pixel rgb(124, 121, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 121, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 121, 112);  
box-shadow:4px 4px 4px 4px rgb(124, 121,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0742, 19.1297, 18.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 121, 112) }
```

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

```
.background{ background-color: rgb(124,  
121, 112) }
```

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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