

Converting Colors

XYZ(18.2261, 19.4971, 18.7086)

Have a look what the booklet for
XYZ(18.2261, 19.4971, 18.7086)
contains.

XYZ(18.2886, 19.5918, 18.7373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.2886, 19.5918,
18.7373)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7B72
RGB	123, 123, 114
RGB Percent	48%, 48%, 45%
CMY	0.5176, 0.5176, 0.5529
CMYK	0.00, 0.00, 0.07, 0.52
HSL	60°, 4%, 46%
HSV	60°, 7%, 48%
XYZ	18.2886, 19.5918, 18.7373
YIQ	121.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

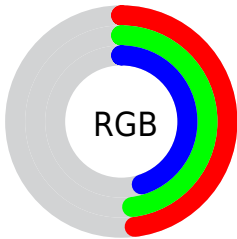
Format	Color
RYB	114, 123, 114
Decimal	8092530
CIELab	51.37, -1.74, 4.91
CIElCh	51, 5.214, 109.500
Yxy	19.5918, 0.3230, 0.3460
Android (android.graphics.Color)	4286282610 (0xFF7B7B72)
YUV	121.9740, -3.9312, 0.8998
Hunter-Lab	44.2626, -3.7063, 5.8851

Details

The XYZ color **18.2886, 19.5918, 18.7373** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5327, 17.0427, 21.1582**, and the grayscale version is **18.5024, 19.4660, 21.1984**.

A 20% lighter version of the original color is **39.8921, 42.5271, 42.1824**, and **6.2562, 6.7468, 6.1268** is the 20% darker color. If you saturate the color by 10%, you get **17.6347, 19.3308, 15.2945**, and if you desaturate by 10%, it is **19.0377, 19.8922, 22.6770**.

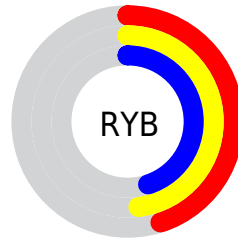
Distribution



Red (48%)

Green (48%)

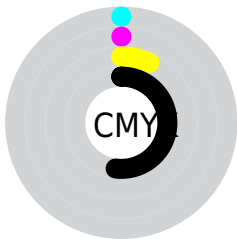
Blue (45%)



Red (45%)

Yellow (48%)

Blue (45%)

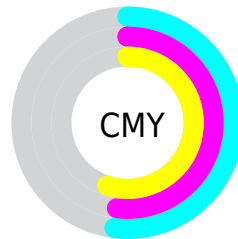


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2886, 19.5918, 18.7373 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 18.2886, 19.5918, 18.7373 by changing the saturation by 10% instead.

■ 18.2886, 19.5918,
18.7373

■ 18.2886, 19.5918,
18.7373

235.5070,
249.6966, 257.3689

■ 11.2583, 12.0987,
11.3057

■ 40.0547, 42.7317,
42.1205

■ 6.3094, 6.8109,
6.1561

■ 55.5213, 59.1473,
58.9092

■ 3.0766, 3.3441,
2.8699

■ 74.5306, 79.3059,
79.6540

■ 1.1944, 1.3139,
1.0286

■ 97.4482, 103.5918,
104.7735

■ 0.1019, 0.1519,
0.0000

124.6392,
132.3894, 134.6862

■ 0.0000, 0.0000,
0.0000

156.4691,

166.0832, 169.8106

193.3033,
205.0574, 210.5653

■ 18.2886, 19.5918,
18.7373

■ 18.2886, 19.5918,
18.7373

■ 17.6347, 19.3308,
15.2945

■ 19.0377, 19.8922,
22.6770

■ 17.0708, 19.1052,
12.3275

■ 19.8840, 20.2307,
27.1307

■ 16.5933, 18.9141,
9.8159

■ 20.8314, 20.6098,
32.1166

■ 16.1980, 18.7559,
7.7372

■ 21.8830, 21.0305,
37.6514

■ 15.8802, 18.6288,
6.0668

■ 23.0419, 21.4941,
43.7511

■ 15.6349, 18.5306,
4.7780

■ 24.3110, 22.0018,
50.4311

■ 15.4564, 18.4591,
3.8406

■ 25.6930, 22.5547,
57.7062

■ 15.3380, 18.4117,
3.2200

■ 27.1908, 23.1538,
65.5907

■ 15.2650, 18.3824,
2.8383

■ 28.8070, 23.8004,
74.0983

Harmonies

Analogous

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



18.8048, 19.5918, 18.6305



18.2886, 19.5918, 18.7373



17.8691, 19.5918, 19.5204

Triad

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



18.2886, 19.5918, 18.7373



17.9776, 19.5918, 23.5919



19.6252, 19.5918, 21.8599

Complementary

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



18.2886, 19.5918, 18.7373



16.5327, 17.0427, 21.1582

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.



19.3946, 19.5918, 23.2526



18.2886, 19.5918, 18.7373



18.4392, 19.5918, 24.2831

Square

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



18.2886, 19.5918, 18.7373



17.6918, 19.5918, 22.3055



18.9582, 19.5918, 24.1561



19.5830, 19.5918, 20.3875

Rectangle

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



18.2886, 19.5918, 18.7373



17.6976, 19.5918, 20.3419



18.9582, 19.5918, 24.1561



19.5768, 19.5918, 22.3540

Sweetspot

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



18.2891, 19.5927, 18.7377



33.4343, 35.3575, 37.1568



17.2236, 17.4610, 18.3824



7.8789, 8.3291, 8.7756



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.



18.2891, 19.5927, 18.7377



32.5136, 34.9892, 32.3122



17.6603, 19.2685, 18.7083



4.3076, 4.6339, 4.2919



15.7718, 19.0079, 2.8376



75.2316, 90.6687, 13.5357

Inverse Universe

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



16.5327, 17.0427, 21.1582



28.5996, 29.3067, 37.7060



17.1324, 17.3518, 21.1862



3.7977, 3.8936, 4.9946



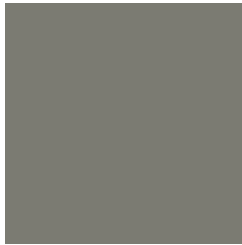
3.6990, 1.4796, 19.4759



17.6431, 7.0573, 92.9021

Previews

White Background



This preview shows how the XYZ color 18.2886, 19.5918, 18.7373 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 18.2886, 19.5918, 18.7373 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

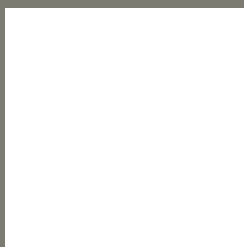
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2886, 19.5918, 18.7373

Background



This preview shows how black text looks on a background with the XYZ color 18.2886, 19.5918, 18.7373.



This preview shows how white text looks on a background with the XYZ color 18.2886, 19.5918,

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

18.2886, 19.5918, 18.7373

Protanopia

18.6926, 19.6233, 18.4253

Deuteranopia

19.8895, 19.5130, 18.9378



Tritanopia

19.3241, 19.6464, 23.8927

Trichromacy



Original Color

18.2886, 19.5918, 18.7373

Protanomaly

18.5444, 19.5469, 18.4183

Deuteranomaly

19.3267, 19.5763, 18.9796

Tritanomaly

18.9098, 19.6594, 21.8668

Monochromacy



Original Color

18.2886, 19.5918, 18.7373

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3153, 19.3886, 20.2298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2886, 19.5918, 18.7373 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 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(123, 123, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 123, 114) }
```

Border

The CSS property to change the border of an element to XYZ 18.2886, 19.5918, 18.7373 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, 114) }
```


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

```
.border{ border-color:rgb(123, 123, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(123, 123,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2886, 19.5918, 18.7373 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, 114) }
```

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

```
.background{ background-color: rgb(123,  
123, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor