

Converting Colors

XYZ(18.6202, 24.7096, 3.7880)

Have a look what the booklet for
XYZ(18.6202, 24.7096, 3.7880)
contains.

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Color

**XYZ(18.5828, 24.6108,
3.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9100
RGB	125, 145, 0
RGB Percent	49%, 57%, 0%
CMY	0.5098, 0.4314, 1.0000
CMYK	0.14, 0.00, 1.00, 0.43
HSL	68°, 100%, 28%
HSV	68°, 100%, 57%
XYZ	18.5828, 24.6108, 3.7709
YIQ	122.4900, 34.6250, -49.3350

Conversions

Conversions Part 2

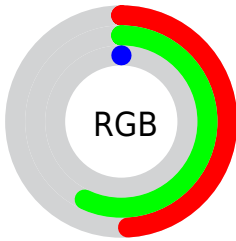
Format	Color
RYB	0, 145, 20
Decimal	8229120
CIELab	56.69, -23.14, 60.14
CIELCh	57, 64.441, 111.044
Yxy	24.6108, 0.3957, 0.5240
Android (android.graphics.Color)	4286419200 (0xFF7D9100)
YUV	122.4900, -60.3876, 2.2013
Hunter-Lab	49.6093, -19.9531, 30.2197

Details

The XYZ color **18.5828, 24.6108, 3.7709** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.4000, 2.1935, 26.9284**, and the grayscale version is **18.8440, 19.8254, 21.5898**.

A 20% lighter version of the original color is **40.5850, 51.1128, 13.5211**, and **6.7647, 9.5621, 1.4891** is the 20% darker color. If you saturate the color by 10%, you get **18.5831, 24.6118, 3.7711**, and if you desaturate by 10%, it is **18.9611, 24.7971, 4.2208**.

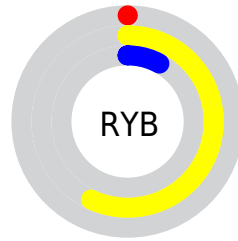
Distribution



Red (49%)

Green (57%)

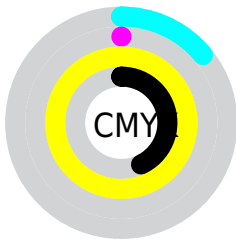
Blue (0%)



Red (0%)

Yellow (57%)

Blue (8%)

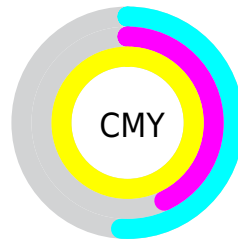


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (51%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5828, 24.6108, 3.7709 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 18.5828, 24.6108, 3.7709 by changing the saturation by 10% instead.

■ 18.5828, 24.6108,
3.7709

■ 18.5828, 24.6108,
3.7709

237.1184,
275.8941, 145.6438

■ 11.4714, 15.7873,
1.5005

■ 40.5503, 51.0251,
13.4778

■ 6.4545, 9.3738,
0.2183

■ 56.1371, 69.3848,
21.7515

■ 3.1666, 4.9858,
0.0000

■ 75.2798, 91.6919,
32.8633

■ 1.2425, 2.2389,
0.0000

■ 98.3436, 118.3310,
47.2318


■ 0.1395, 0.7411,
0.0000


■ 125.6941,
149.6863, 65.2756


■ 0.0000, 0.0000,
0.0000


■ 157.6964,


186.1424, 87.4132

 194.7161,
228.0835, 114.0631


 18.5828, 24.6108,
3.7709


 18.5828, 24.6108,
3.7709


 18.5831, 24.6118,
3.7711

 18.9611, 24.7971,
4.2208

 19.4012, 25.0079,
4.9675

 19.9317, 25.2556,
6.1593

 20.5631, 25.5443,
7.8513

 21.3045, 25.8777,
10.0908

■ 22.1638, 26.2589,
12.9198

■ 23.1482, 26.6909,
16.3758

■ 24.2643, 27.1763,
20.4937

■ 25.5183, 27.7176,
25.3053

Harmonies

Analogous

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



25.7114, 24.6108, 3.1937



18.5828, 24.6108, 3.7709



13.8681, 24.6108, 8.3052

Triad

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



18.5828, 24.6108, 3.7709



15.4406, 24.6108, 73.5019



40.7405, 24.6108, 33.7607

Complementary

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



18.5828, 24.6108, 3.7709



5.4000, 2.1935, 26.9284

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.



36.5052, 24.6108, 62.0902



18.5828, 24.6108, 3.7709



21.2161, 24.6108, 91.8729

Square

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



18.5828, 24.6108, 3.7709



12.3421, 24.6108, 44.5474



28.9663, 24.6108, 86.8457



39.6125, 24.6108, 14.5267

Rectangle

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



18.5828, 24.6108, 3.7709



12.2250, 24.6108, 15.4877



28.9663, 24.6108, 86.8457



39.8685, 24.6108, 42.5915

Sweetspot

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



18.5834, 24.6119, 3.7714



41.3343, 47.7451, 28.8993



11.9165, 6.4975, 0.6264



9.0435, 10.5550, 5.8890



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.5834, 24.6119, 3.7714



33.1689, 44.0175, 6.7480



11.6034, 21.0136, 3.4448



5.7674, 6.2482, 5.7914



15.9545, 21.1174, 3.2352



0.1656, 0.2086, 0.0315

Inverse Universe

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



5.4000, 2.1935, 26.9284



9.5797, 3.8812, 48.2178



9.5089, 4.3117, 27.1207



5.1945, 5.2885, 6.7758



4.6455, 1.8884, 23.0967



0.0551, 0.0236, 0.2213

Previews

White Background



This preview shows how the XYZ color 18.5828, 24.6108, 3.7709 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 18.5828, 24.6108, 3.7709 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 18.5828, 24.6108, 3.7709

Background



This preview shows how black text looks on a background with the XYZ color 18.5828, 24.6108, 3.7709.



This preview shows how white text looks on a background with the XYZ color 18.5828, 24.6108,

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

18.5828, 24.6108, 3.7709

Protanopia

21.9410, 24.3806, 3.5495

Deuteranopia

24.8203, 24.4286, 4.3267



Tritanopia

23.9282, 24.6065, 30.2764

Trichromacy



Original Color

18.5828, 24.6108, 3.7709

Protanomaly

20.5603, 24.3049, 3.6077

Deuteranomaly

22.0839, 24.2354, 4.0042

Tritanomaly

20.6801, 24.1435, 13.6954

Monochromacy



Original Color

18.5828, 24.6108, 3.7709

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.5262, 20.7263, 10.2846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5828, 24.6108, 3.7709 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, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 145, 0)  
}
```

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, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 145, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.5828, 24.6108, 3.7709 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, 145, 0) }
```


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

```
.border{ border-color:rgb(125, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 145,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5828, 24.6108, 3.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 145, 0) }
```

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

```
.background{ background-color: rgb(125,  
145, 0) }
```

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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