

Converting Colors

XYZ(18.4199, 24.1138, 22.4225)

Have a look what the booklet for
XYZ(18.4199, 24.1138, 22.4225)
contains.

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Color

**XYZ(18.4199, 24.1138,
22.4225)**

Conversions

Conversions Part 1

Format	Color
Hex	5F917B
RGB	95, 145, 123
RGB Percent	37%, 57%, 48%
CMY	0.6274, 0.4314, 0.5176
CMYK	0.34, 0.00, 0.15, 0.43
HSL	154°, 21%, 47%
HSV	154°, 34%, 57%
XYZ	18.4199, 24.1138, 22.4225
YIQ	127.5420, -22.7380, -17.4420

Conversions

Conversions Part 2

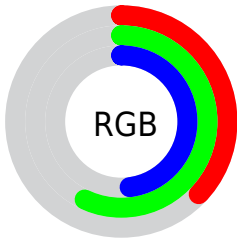
Format	Color
R _Y B	95, 127, 145
Decimal	6263163
CIE Lab	56.20, -21.87, 6.38
CIE LCh	56, 22.778, 163.735
Yxy	24.1138, 0.2836, 0.3712
Android (android.graphics.Color)	4284453243 (0xFF5F917B)
YUV	127.5420, -2.2392, -28.5393
Hunter-Lab	49.1058, -18.9787, 7.3013

Details

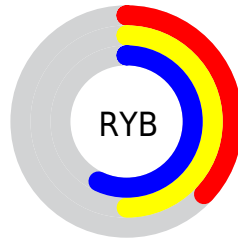
The XYZ color **18.4199, 24.1138, 22.4225** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.9810, 15.4892, 18.8200**, and the grayscale version is **20.3730, 21.4340, 23.3417**.

A 20% lighter version of the original color is **40.1939, 50.1450, 48.1180**, and **6.3654, 9.0807, 7.8958** is the 20% darker color. If you saturate the color by 10%, you get **16.6652, 23.2545, 20.3232**, and if you desaturate by 10%, it is **20.4823, 25.1300, 24.6732**.

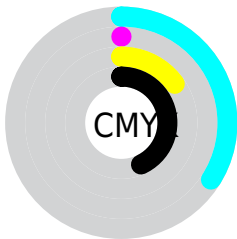
Distribution



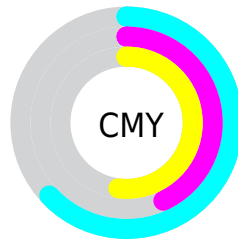
- Red (37%)
- Green (57%)
- Blue (48%)



- Red (37%)
- Yellow (50%)
- Blue (57%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4199, 24.1138, 22.4225 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 18.4199, 24.1138, 22.4225 by changing the saturation by 10% instead.

■ 18.4199, 24.1138,
22.4225

■ 18.4199, 24.1138,
22.4225

236.2274,
273.3953, 277.7699

■ 11.3534, 15.4181,
13.9664

■ 40.2760, 50.2158,
48.3544

■ 6.3741, 9.1133,
7.9588

■ 55.7964, 68.3909,
66.6673

■ 3.1167, 4.8152,
3.9812

■ 74.8653, 90.4946,
89.1029

■ 1.2158, 2.1392,
1.6150

■ 97.8483, 116.9112,
116.0797

■ 0.1188, 0.6866,
0.3015

125.1106,
148.0252, 148.0163

■ 0.0000, 0.0000,
0.0000

157.0177,

184.2210, 185.3311

193.9348,
225.8829, 228.4428

■ 18.4199, 24.1138,
22.4225

■ 18.4199, 24.1138,
22.4225

■ 16.6652, 23.2545,
20.3232

■ 20.4823, 25.1300,
24.6732

■ 15.2003, 22.5410,
18.3703

■ 22.8654, 26.3078,
27.0768

■ 14.0080, 21.9652,
16.5608

■ 25.5836, 27.6552,
29.6370

■ 13.0689, 21.5171,
14.8912

■ 28.6501, 29.1790,
32.3566

■ 12.3605, 21.1851,
13.3576

■ 32.0770, 30.8854,
35.2387

■ 11.8545, 20.9547,
11.9557

■ 35.8762, 32.7805,
38.2861

■ 11.6185, 20.8488,
11.2355

■ 40.0587, 34.8698,
41.5013

■ 44.6353, 37.1589,
44.8872

■ 49.6163, 39.6531,
48.4463

Harmonies

Analogous

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



19.6135, 24.1138, 17.1582



18.4199, 24.1138, 22.4225



18.3702, 24.1138, 29.8286

Triad

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



18.4199, 24.1138, 22.4225



24.1352, 24.1138, 42.8921



26.7513, 24.1138, 17.4993

Complementary

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



18.4199, 24.1138, 22.4225



18.9810, 15.4892, 18.8200

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.



28.1638, 24.1138, 22.9803



18.4199, 24.1138, 22.4225



26.5775, 24.1138, 38.1070

Square

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



18.4199, 24.1138, 22.4225



21.5387, 24.1138, 42.6641



28.0979, 24.1138, 30.5029



24.3580, 24.1138, 14.7081

Rectangle

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



18.4199, 24.1138, 22.4225



18.9839, 24.1138, 35.1008



28.0979, 24.1138, 30.5029



27.3644, 24.1138, 19.0376

Sweetspot

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



18.4206, 24.1148, 22.4230



42.9527, 48.1049, 50.4136



19.5953, 24.8948, 14.5992



9.4223, 10.6355, 11.0887



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.



18.4206, 24.1148, 22.4230



30.6183, 42.0224, 37.3568



19.5785, 23.9734, 30.3847



5.4614, 6.0768, 6.3953



9.9784, 17.8872, 9.7061



0.1065, 0.1755, 0.1513

Inverse Universe

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



18.9810, 15.4892, 18.8200



31.7727, 24.2781, 29.9520



18.0644, 15.4887, 12.8644



5.5013, 5.4610, 6.1377



10.8175, 5.4840, 4.6901



0.1142, 0.0567, 0.1016

Previews

White Background



This preview shows how the XYZ color 18.4199, 24.1138, 22.4225 looks on a white background.

Color Contrast Check

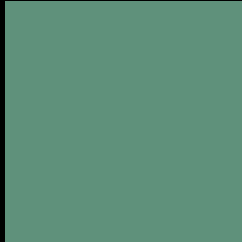
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4199, 24.1138, 22.4225 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 18.4199, 24.1138, 22.4225

Background



This preview shows how black text looks on a background with the XYZ color 18.4199, 24.1138, 22.4225.



This preview shows how white text looks on a background with the XYZ color 18.4199, 24.1138,

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

18.4199, 24.1138, 22.4225

Protanopia

22.7205, 23.9973, 20.2641

Deuteranopia

24.3262, 23.9557, 23.0804



Tritanopia

20.5592, 24.0835, 33.2707

Trichromacy



Original Color

18.4199, 24.1138, 22.4225

Protanomaly

20.7304, 23.7940, 20.9528

Deuteranomaly

21.5716, 23.5544, 22.8116

Tritanomaly

19.6263, 23.9217, 28.7822

Monochromacy



Original Color

18.4199, 24.1138, 22.4225

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.4935, 22.2696, 23.0097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4199, 24.1138, 22.4225 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(95, 145, 123)` looks like.

```
.text, #text, p{  
    color:rgb(95, 145, 123)  
}
```

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(95, 145, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 145, 123) }
```

Border

The CSS property to change the border of an element to XYZ 18.4199, 24.1138, 22.4225 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(95, 145, 123) }
```


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

```
.border{ border-color:rgb(95, 145, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 145, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 145, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 145, 123);  
box-shadow:4px 4px 4px 4px rgb(95, 145,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4199, 24.1138, 22.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 145, 123) }
```

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

```
.background{ background-color: rgb(95, 145,  
123) }
```

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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