

Converting Colors

XYZ(18.4649, 20.9577, 22.1853)

Have a look what the booklet for
XYZ(18.4649, 20.9577, 22.1853)
contains.

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Color

**XYZ(18.4308, 20.9312,
22.1375)**

Conversions

Conversions Part 1

Format	Color
Hex	71827C
RGB	113, 130, 124
RGB Percent	44%, 51%, 49%
CMY	0.5569, 0.4902, 0.5137
CMYK	0.13, 0.00, 0.05, 0.49
HSL	159°, 7%, 48%
HSV	159°, 13%, 51%
XYZ	18.4308, 20.9312, 22.1375
YIQ	124.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

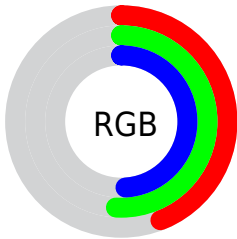
Format	Color
R_{YB}	113, 123, 130
Decimal	7438972
CIE _{Lab}	52.87, -7.47, 1.15
CIE _{LCh}	53, 7.554, 171.280
Yxy	20.9312, 0.2997, 0.3403
Android (android.graphics.Color)	4285629052 (0xFF71827C)
YUV	124.2330, -0.1149, -9.8513
Hunter-Lab	45.7506, -8.1543, 3.3366

Details

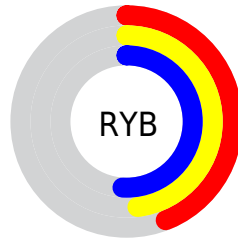
The XYZ color **18.4308, 20.9312, 22.1375** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4416, 17.8886, 19.9347**, and the grayscale version is **19.2387, 20.2406, 22.0420**.

A 20% lighter version of the original color is **40.2870, 45.0009, 47.6370**, and **6.3924, 7.5167, 7.7706** is the 20% darker color. If you saturate the color by 10%, you get **16.5932, 20.0172, 20.5718**, and if you desaturate by 10%, it is **20.5227, 21.9759, 23.7865**.

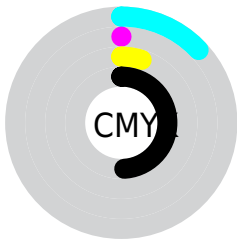
Distribution



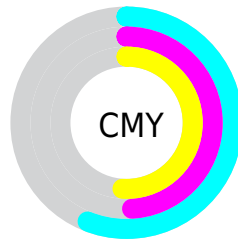
- Red (44%)
- Green (51%)
- Blue (49%)



- Red (44%)
- Yellow (48%)
- Blue (51%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (56%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4308, 20.9312, 22.1375 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 18.4308, 20.9312, 22.1375 by changing the saturation by 10% instead.

■ 18.4308, 20.9312,
22.1375

■ 18.4308, 20.9312,
22.1375

236.2871,
256.9126, 276.2404

■ 11.3613, 13.0737,
13.7587

■ 40.2944, 44.9730,
47.8783

■ 6.3795, 7.4793,
7.8162

■ 55.8192, 61.9261,
66.0773

■ 3.1200, 3.7636,
3.8915

■ 74.8931, 82.6799,
88.3868

■ 1.2175, 1.5422,
1.5660

■ 97.8815, 107.6187,
115.2253

■ 0.1201, 0.3182,
0.2664

125.1497,
137.1270, 147.0114

■ 0.0000, 0.0000,
0.0000

157.0632,

171.5892, 184.1636

193.9872,
211.3896, 227.1004

■ 18.4308, 20.9312,
22.1375

■ 18.4308, 20.9312,
22.1375

■ 16.5932, 20.0172,
20.5718

■ 20.5227, 21.9759,
23.7865

■ 14.9979, 19.2260,
19.0866

■ 22.8769, 23.1536,
25.5188

■ 13.6343, 18.5528,
17.6809

■ 25.5031, 24.4699,
27.3362

■ 12.4905, 17.9913,
16.3530

■ 28.4100, 25.9294,
29.2400

■ 11.5535, 17.5350,
15.1015

■ 31.6061, 27.5363,
31.2315

■ 10.8089, 17.1765,
13.9246

■ 35.0993, 29.2946,
33.3119

■ 10.2402, 16.9071,
12.8204

■ 38.8972, 31.2085,
35.4824

■ 9.8277, 16.7169,
11.7869

■ 43.0074, 33.2815,
37.7442

■ 9.5875, 16.6078,
11.1103

■ 47.4368, 35.5174,
40.0985

Harmonies

Analogous

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



18.7330, 20.9312, 20.1768



18.4308, 20.9312, 22.1375



18.5126, 20.9312, 24.4058

Triad

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



18.4308, 20.9312, 22.1375



20.4508, 20.9312, 27.0883



20.8596, 20.9312, 19.5627

Complementary

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



18.4308, 20.9312, 22.1375



18.4416, 17.8886, 19.9347

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.



21.3434, 20.9312, 21.2482



18.4308, 20.9312, 22.1375



21.1030, 20.9312, 25.6208

Square

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



18.4308, 20.9312, 22.1375



19.6651, 20.9312, 27.3656



21.4337, 20.9312, 23.4563



20.1256, 20.9312, 18.7561

Rectangle

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



18.4308, 20.9312, 22.1375



18.7749, 20.9312, 25.7821



21.4337, 20.9312, 23.4563



21.0577, 20.9312, 20.0398

Sweetspot

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



18.4314, 20.9321, 22.1380



35.7467, 38.5027, 41.5873



18.6038, 21.0969, 18.7148



8.0338, 8.6863, 9.3691



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.4314, 20.9321, 22.1380



31.3461, 36.3076, 38.0631



18.5245, 20.4921, 24.0991



4.3840, 4.8619, 5.1931



9.1958, 15.9249, 10.6699



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4416, 17.8886, 19.9347



31.3682, 29.7479, 33.3149



18.3484, 18.2611, 18.1809



4.3856, 4.3674, 4.8351



9.3009, 4.7401, 2.9083



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.4308, 20.9312, 22.1375 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 18.4308, 20.9312, 22.1375 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

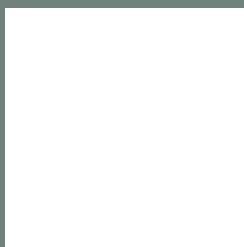
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4308, 20.9312, 22.1375

Background



This preview shows how black text looks on a background with the XYZ color 18.4308, 20.9312, 22.1375.



This preview shows how white text looks on a background with the XYZ color 18.4308, 20.9312,

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

18.4308, 20.9312, 22.1375

Protanopia

19.8381, 20.7148, 21.0419

Deuteranopia

21.2067, 20.8287, 22.6413



Tritanopia

19.3768, 20.9182, 27.0611

Trichromacy



Original Color

18.4308, 20.9312, 22.1375

Protanomaly

19.2706, 20.7948, 21.4105

Deuteranomaly

20.0885, 20.8150, 22.3610

Tritanomaly

19.0233, 20.9714, 25.2355

Monochromacy



Original Color

18.4308, 20.9312, 22.1375

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.8447, 20.3700, 22.0074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4308, 20.9312, 22.1375 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(113, 130, 124)` looks like.

```
.text, #text, p{  
    color:rgb(113, 130, 124)  
}
```

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(113, 130, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 130, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.4308, 20.9312, 22.1375 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(113, 130, 124) }
```


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

```
.border{ border-color:rgb(113, 130, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 130, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 130, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 130, 124);  
box-shadow:4px 4px 4px 4px rgb(113, 130,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4308, 20.9312, 22.1375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 130, 124) }
```

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

```
.background{ background-color: rgb(113,  
130, 124) }
```

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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