

Converting Colors

XYZ(18.4580, 21.9952, 22.0063)

Have a look what the booklet for
XYZ(18.4580, 21.9952, 22.0063)
contains.

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Color

**XYZ(18.4235, 21.9462,
22.0039)**

Conversions

Conversions Part 1

Format	Color
Hex	6C877B
RGB	108, 135, 123
RGB Percent	42%, 53%, 48%
CMY	0.5765, 0.4706, 0.5176
CMYK	0.20, 0.00, 0.09, 0.47
HSL	153°, 11%, 48%
HSV	153°, 20%, 53%
XYZ	18.4235, 21.9462, 22.0039
YIQ	125.5590, -12.2400, -9.4560

Conversions

Conversions Part 2

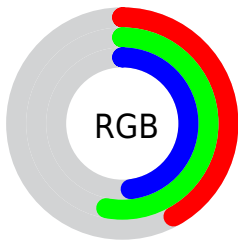
Format	Color
R_{YB}	108, 125, 135
Decimal	7112571
CIE Lab	53.97, -12.23, 3.27
CIE LCh	54, 12.658, 165.022
Yxy	21.9462, 0.2954, 0.3519
Android (android.graphics.Color)	4285302651 (0xFF6C877B)
YUV	125.5590, -1.2616, -15.3992
Hunter-Lab	46.8468, -11.7829, 4.9443

Details

The XYZ color **18.4235, 21.9462, 22.0039** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7452, 17.2327, 20.1086**, and the grayscale version is **19.6893, 20.7146, 22.5582**.

A 20% lighter version of the original color is **40.2183, 46.5352, 47.4199**, and **6.3480, 7.9521, 7.6789** is the 20% darker color. If you saturate the color by 10%, you get **16.5429, 21.0194, 20.0150**, and if you desaturate by 10%, it is **20.5826, 23.0151, 24.1270**.

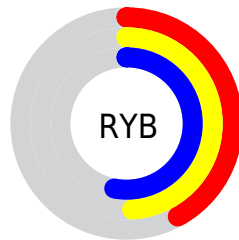
Distribution



Red (42%)

Green (53%)

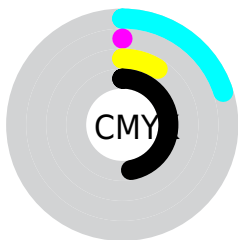
Blue (48%)



Red (42%)

Yellow (49%)

Blue (53%)

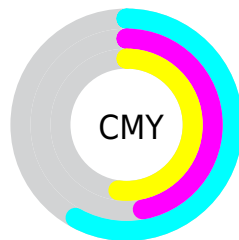


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4235, 21.9462, 22.0039 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 18.4235, 21.9462, 22.0039 by changing the saturation by 10% instead.

■ 18.4235, 21.9462,
22.0039

■ 18.4235, 21.9462,
22.0039

236.2471,
262.2652, 275.5208

■ 11.3560, 13.8174,
13.6614

■ 40.2821, 46.6571,
47.6547

■ 6.3759, 7.9938,
7.7495

■ 55.8039, 64.0079,
65.8001

■ 3.1178, 4.0910,
3.8496

■ 74.8745, 85.2015,
88.0503

■ 1.2163, 1.7246,
1.5432

■ 97.8593, 110.6223,
114.8237

■ 0.1192, 0.4395,
0.2498

125.1236,
140.6547, 146.5389

■ 0.0000, 0.0000,
0.0000

157.0327,

175.6830, 183.6145

193.9521,
216.0917, 226.4689

■ 18.4235, 21.9462,
22.0039

■ 18.4235, 21.9462,
22.0039

■ 16.5429, 21.0194,
20.0150

■ 20.5826, 23.0151,
24.1270

■ 14.9270, 20.2259,
18.1560

■ 23.0297, 24.2292,
26.3855

■ 13.5633, 19.5598,
16.4248

■ 25.7762, 25.5948,
28.7823

■ 12.4378, 19.0139,
14.8184

■ 28.8320, 27.1172,
31.3200

■ 11.5347, 18.5803,
13.3337

■ 32.2068, 28.8011,
34.0008

■ 10.8365, 18.2499,
11.9675

■ 35.9099, 30.6514,
36.8271

■ 10.3229, 18.0122,
10.7164

■ 39.9501, 32.6725,
39.8012

■ 9.9342, 17.8367,
9.5750

■ 44.3358, 34.8688,
42.9252

■ 49.0752, 37.2445,
46.2015

Harmonies

Analogous

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



19.0560, 21.9462, 18.9635



18.4235, 21.9462, 22.0039



18.4240, 21.9462, 25.8988

Triad

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



18.4235, 21.9462, 22.0039



21.5474, 21.9462, 31.9216



22.7713, 21.9462, 18.9600

Complementary

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



18.4235, 21.9462, 22.0039



18.7452, 17.2327, 20.1086

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.



23.5001, 21.9462, 21.9986



18.4235, 21.9462, 22.0039



22.7728, 21.9462, 29.6165

Square

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



18.4235, 21.9462, 22.0039



20.1877, 21.9462, 31.9234



23.5006, 21.9462, 25.8929



21.5454, 21.9462, 17.3410

Rectangle

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



18.4235, 21.9462, 22.0039



18.7814, 21.9462, 28.4776



23.5006, 21.9462, 25.8929



23.0848, 21.9462, 19.8337

Sweetspot

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



18.4241, 21.9471, 22.0044



38.4897, 42.0227, 44.7395



19.1381, 22.4155, 17.5056



8.8596, 9.7051, 10.3107



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.4241, 21.9471, 22.0044



31.4040, 38.5171, 37.7583



19.0351, 21.8920, 26.1451



4.7165, 5.2448, 5.5183



9.1670, 16.4496, 8.8647



0.0354, 0.0585, 0.0501

Inverse Universe

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



18.7452, 17.2327, 20.1086



32.0878, 28.4809, 33.7236



18.2052, 17.2463, 16.5571



4.7522, 4.7206, 5.3074



9.9724, 5.0533, 4.4269



0.0381, 0.0189, 0.0342

Previews

White Background



This preview shows how the XYZ color 18.4235, 21.9462, 22.0039 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 18.4235, 21.9462, 22.0039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

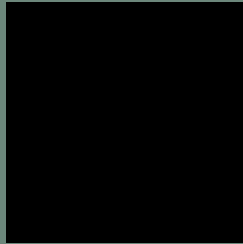
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4235, 21.9462, 22.0039

Background



This preview shows how black text looks on a background with the XYZ color 18.4235, 21.9462, 22.0039.



This preview shows how white text looks on a background with the XYZ color 18.4235, 21.9462,

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

18.4235, 21.9462, 22.0039

Protanopia

20.7218, 21.7568, 20.5601

Deuteranopia

22.0647, 21.6468, 22.4173



Tritanopia

19.8913, 21.9304, 29.1712

Trichromacy



Original Color

18.4235, 21.9462, 22.0039

Protanomaly

19.8186, 21.8738, 20.9468

Deuteranomaly

20.5632, 21.6394, 22.1618

Tritanomaly

19.3870, 21.9321, 26.5041

Monochromacy



Original Color

18.4235, 21.9462, 22.0039

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.1597, 21.1031, 22.4655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4235, 21.9462, 22.0039 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(108, 135, 123)` looks like.

```
.text, #text, p{  
    color:rgb(108, 135, 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(108, 135, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 135, 123) }
```

Border

The CSS property to change the border of an element to XYZ 18.4235, 21.9462, 22.0039 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(108, 135, 123) }
```


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

```
.border{ border-color:rgb(108, 135, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 135, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 135, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 135, 123);  
box-shadow:4px 4px 4px 4px rgb(108, 135,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4235, 21.9462, 22.0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 135, 123) }
```

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

```
.background{ background-color: rgb(108,  
135, 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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