

Converting Colors

XYZ(19.4227, 24.0918, 21.6397)

Have a look what the booklet for
XYZ(19.4227, 24.0918, 21.6397)
contains.

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Color

**XYZ(19.4580, 24.2135,
21.7373)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8F79
RGB	108, 143, 121
RGB Percent	42%, 56%, 47%
CMY	0.5765, 0.4392, 0.5255
CMYK	0.24, 0.00, 0.15, 0.44
HSL	142°, 14%, 49%
HSV	142°, 24%, 56%
XYZ	19.4580, 24.2135, 21.7373
YIQ	130.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

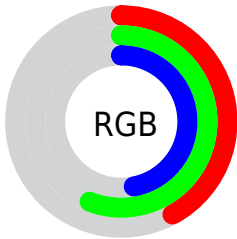
Format	Color
RYB	108, 134, 143
Decimal	7114617
CIELab	56.30, -16.96, 7.77
CIElCh	56, 18.652, 155.393
Yxy	24.2135, 0.2975, 0.3702
Android (android.graphics.Color)	4285304697 (0xFF6C8F79)
YUV	130.0270, -4.4503, -19.3177
Hunter-Lab	49.2072, -15.5284, 8.2537

Details

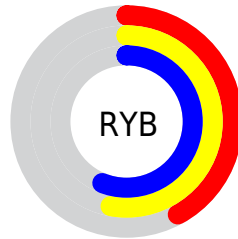
The XYZ color **19.4580, 24.2135, 21.7373** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7204, 18.1771, 23.5366**, and the grayscale version is **21.2469, 22.3534, 24.3428**.

A 20% lighter version of the original color is **42.0063, 50.4232, 47.0539**, and **6.8877, 9.2264, 7.5487** is the 20% darker color. If you saturate the color by 10%, you get **17.3337, 23.1798, 18.8934**, and if you desaturate by 10%, it is **21.9203, 25.4169, 24.8663**.

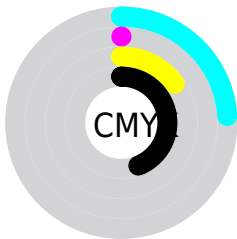
Distribution



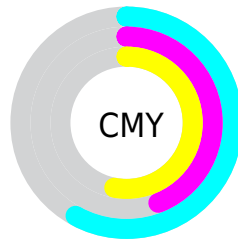
- Red (42%)
- Green (56%)
- Blue (47%)



- Red (42%)
- Yellow (53%)
- Blue (56%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4580, 24.2135, 21.7373 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 19.4580, 24.2135, 21.7373 by changing the saturation by 10% instead.

■ 19.4580, 24.2135,
21.7373

■ 19.4580, 24.2135,
21.7373

241.8555,
273.8981, 274.0799

■ 12.1076, 15.4921,
13.4675

■ 42.0175, 50.3784,
47.2080

■ 6.8898, 9.1655,
7.6168

■ 57.9574, 68.5906,
65.2461

■ 3.4390, 4.8493,
3.7665

■ 77.4911, 90.7352,
87.3773

■ 1.3899, 2.1591,
1.4981

■ 100.9841,
117.1967, 114.0202

■ 0.2490, 0.6976,
0.2165

128.8017,
148.3593, 145.5934

■ 0.0000, 0.0000,
0.0000

161.3092,

184.6074, 182.5154

198.8720,
226.3256, 225.2047

■ 19.4580, 24.2135,
21.7373

■ 19.4580, 24.2135,
21.7373

■ 17.3337, 23.1798,
18.8934

■ 21.9203, 25.4169,
24.8663

■ 15.5301, 22.3050,
16.3248

■ 24.7330, 26.7940,
28.2864

■ 14.0314, 21.5818,
14.0239

■ 27.9100, 28.3528,
32.0055

■ 12.8196, 21.0010,
11.9817

■ 31.4643, 30.0997,
36.0307

■ 11.8745, 20.5525,
10.1889

■ 35.4077, 32.0407,
40.3689

■ 11.1733, 20.2247,
8.6356

■ 39.7520, 34.1817,
45.0268

■ 10.6875, 20.0030,
7.3111

■ 44.5082, 36.5282,
50.0107

■ 10.4681, 19.9039,
6.6718

■ 49.6869, 39.0856,
55.3270

■ 55.2983, 41.8590,
60.9817

Harmonies

Analogous

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



20.7029, 24.2135, 17.8460



19.4580, 24.2135, 21.7373



19.1406, 24.2135, 27.4924

Triad

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



19.4580, 24.2135, 21.7373



23.4048, 24.2135, 39.9885



26.5498, 24.2135, 20.0870

Complementary

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



19.4580, 24.2135, 21.7373



20.7204, 18.1771, 23.5366

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.



27.3781, 24.2135, 25.2677



19.4580, 24.2135, 21.7373



25.4914, 24.2135, 37.2363

Square

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



19.4580, 24.2135, 21.7373



21.3361, 24.2135, 38.6540



26.9793, 24.2135, 31.6055



24.7781, 24.2135, 17.0021

Rectangle

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



19.4580, 24.2135, 21.7373



19.4794, 24.2135, 31.7718



26.9793, 24.2135, 31.6055



26.9527, 24.2135, 21.6082

Sweetspot

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



19.4587, 24.2145, 21.7378



42.8823, 47.2916, 48.9660



21.7616, 25.4877, 17.9604



9.7746, 10.8160, 11.1575



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.



19.4587, 24.2145, 21.7378



32.8175, 42.3741, 36.2481



20.6192, 24.6787, 27.8492



5.4205, 6.0604, 6.1804



9.2649, 17.6018, 5.9490



0.0986, 0.1723, 0.1096

Inverse Universe

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



20.7204, 18.1771, 23.5366



35.4521, 29.7625, 40.0007



19.6529, 17.7501, 17.9153



5.5424, 5.4775, 6.3545



11.6537, 5.8185, 9.0936



0.1221, 0.0599, 0.1432

Previews

White Background



This preview shows how the XYZ color 19.4580, 24.2135, 21.7373 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 19.4580, 24.2135, 21.7373 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 19.4580, 24.2135, 21.7373

Background



This preview shows how black text looks on a background with the XYZ color 19.4580, 24.2135, 21.7373.



This preview shows how white text looks on a background with the XYZ color 19.4580, 24.2135,

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

19.4580, 24.2135, 21.7373

Protanopia

22.6620, 23.9739, 19.9560

Deuteranopia

24.5696, 24.0959, 22.4248



Tritanopia

21.5477, 24.1780, 32.3853

Trichromacy



Original Color

19.4580, 24.2135, 21.7373

Protanomaly

21.2689, 23.8665, 20.6252

Deuteranomaly

22.3925, 23.9922, 22.1896

Tritanomaly

20.5938, 23.9998, 27.9731

Monochromacy



Original Color

19.4580, 24.2135, 21.7373

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5208, 22.9978, 23.4361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4580, 24.2135, 21.7373 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(108, 143, 121)` looks like.

```
.text, #text, p{  
    color:rgb(108, 143, 121)  
}
```

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, 143, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 143, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.4580, 24.2135, 21.7373 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(108, 143, 121) }
```


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

```
.border{ border-color:rgb(108, 143, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 143, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 143, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 143, 121);  
box-shadow:4px 4px 4px 4px rgb(108, 143,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4580, 24.2135, 21.7373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 143, 121) }
```

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

```
.background{ background-color: rgb(108,  
143, 121) }
```

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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