

Converting Colors

XYZ(19.9221, 24.2300, 24.4215)

Have a look what the booklet for
XYZ(19.9221, 24.2300, 24.4215)
contains.

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Color

**XYZ(19.8198, 24.1191,
24.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8E81
RGB	108, 142, 129
RGB Percent	42%, 56%, 51%
CMY	0.5765, 0.4431, 0.4941
CMYK	0.24, 0.00, 0.09, 0.44
HSL	157°, 14%, 49%
HSV	157°, 24%, 56%
XYZ	19.8198, 24.1191, 24.3797
YIQ	130.3520, -16.0910, -11.2510

Conversions

Conversions Part 2

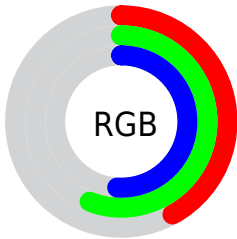
Format	Color
R_{YB}	108, 129, 142
Decimal	7114369
CIE _{Lab}	56.21, -14.74, 3.05
CIE _{LCh}	56, 15.049, 168.316
Yxy	24.1191, 0.2901, 0.3530
Android (android.graphics.Color)	4285304449 (0xFF6C8E81)
YUV	130.3520, -0.6665, -19.6027
Hunter-Lab	49.1112, -13.9074, 4.9452

Details

The XYZ color **19.8198, 24.1191, 24.3797** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.9699, 17.8571, 20.4845**, and the grayscale version is **21.3497, 22.4615, 24.4606**.

A 20% lighter version of the original color is **42.6806, 50.3308, 51.7213**, and **7.0787, 9.1633, 8.9850** is the 20% darker color. If you saturate the color by 10%, you get **17.8802, 23.1604, 22.4549**, and if you desaturate by 10%, it is **22.0613, 25.2325, 26.4198**.

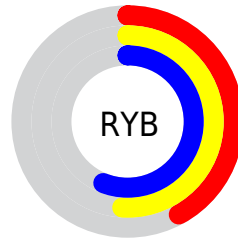
Distribution



Red (42%)

Green (56%)

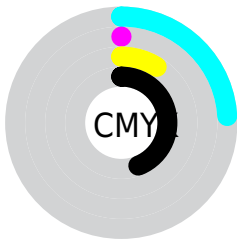
Blue (51%)



Red (42%)

Yellow (51%)

Blue (56%)

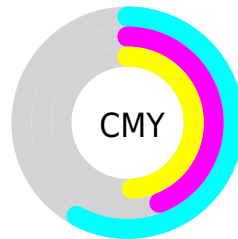


Cyan (24%)

Magenta (0%)

Yellow (9%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8198, 24.1191, 24.3797 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 19.8198, 24.1191, 24.3797 by changing the saturation by 10% instead.

■ 19.8198, 24.1191,
24.3797

■ 19.8198, 24.1191,
24.3797

243.7901,
273.4221, 288.0827

■ 12.3716, 15.4220,
15.4007

■ 42.6211, 50.2245,
51.6007

■ 7.0713, 9.1161,
8.9514

■ 58.7050, 68.4016,
70.6798

■ 3.5535, 4.8170,
4.6131

■ 78.3981, 90.5074,
93.9626

■ 1.4528, 2.1403,
1.9674

■ 102.0658,
116.9264, 121.8678

■ 0.2933, 0.6871,
0.5351

130.0735,
148.0430, 154.8139

■ 0.0000, 0.0000,
0.0000

162.7866,

184.2415, 193.2194

200.5703,
225.9064, 237.5028

■ 19.8198, 24.1191,
24.3797

■ 19.8198, 24.1191,
24.3797

■ 17.8802, 23.1604,
22.4549

■ 22.0613, 25.2325,
26.4198

■ 16.2265, 22.3464,
20.6415

■ 24.6156, 26.5042,
28.5757

■ 14.8444, 21.6701,
18.9379

■ 27.4956, 27.9415,
30.8500

■ 13.7174, 21.1233,
17.3417

■ 30.7128, 29.5504,
33.2447

■ 12.8273, 20.6965,
15.8504

■ 34.2781, 31.3363,
35.7616

■ 12.1530, 20.3790,
14.4612

■ 38.2020, 33.3048,
38.4027

■ 11.6690, 20.1575,
13.1712

■ 42.4946, 35.4609,
41.1697

■ 11.4226, 20.0465,
12.4353

■ 47.1653, 37.8095,
44.0645

■ 52.2235, 40.3554,
47.0888

Harmonies

Analogous

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



20.5296, 24.1191, 20.4237



19.8198, 24.1191, 24.3797



19.9103, 24.1191, 29.3695

Triad

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



19.8198, 24.1191, 24.3797



23.9854, 24.1191, 36.3799



25.2078, 24.1191, 19.7720

Complementary

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



19.8198, 24.1191, 24.3797



19.9699, 17.8571, 20.4845

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.



26.2285, 24.1191, 23.3811



19.8198, 24.1191, 24.3797



25.4987, 24.1191, 33.1178

Square

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



19.8198, 24.1191, 24.3797



22.2576, 24.1191, 36.7354



26.3375, 24.1191, 28.2379



23.6046, 24.1191, 17.9958

Rectangle

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



19.8198, 24.1191, 24.3797



20.4131, 24.1191, 32.6197



26.3375, 24.1191, 28.2379



25.6338, 24.1191, 20.7885

Sweetspot

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



19.8205, 24.1201, 24.3802



41.9022, 45.9866, 49.1491



20.2704, 24.4971, 17.8478



9.3098, 10.2467, 10.9365



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.8205, 24.1201, 24.3802



32.9505, 41.5420, 41.0449



20.1609, 23.3286, 29.0326



5.4740, 6.0818, 6.4620



10.2645, 18.0017, 11.2127



0.1089, 0.1764, 0.1640

Inverse Universe

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



19.9699, 17.8571, 20.4845



33.2644, 28.4263, 32.8910



19.6534, 18.4151, 16.7064



5.4889, 5.4561, 6.0725



10.6285, 5.4084, 3.6949



0.1118, 0.0558, 0.0889

Previews

White Background



This preview shows how the XYZ color 19.8198, 24.1191, 24.3797 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 19.8198, 24.1191, 24.3797 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 19.8198, 24.1191, 24.3797

Background



This preview shows how black text looks on a background with the XYZ color 19.8198, 24.1191, 24.3797.



This preview shows how white text looks on a background with the XYZ color 19.8198, 24.1191,

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

19.8198, 24.1191, 24.3797

Protanopia

22.8742, 24.0198, 22.8327

Deuteranopia

24.2921, 23.8999, 24.8055



Tritanopia

21.4197, 24.1120, 32.3793

Trichromacy



Original Color

19.8198, 24.1191, 24.3797

Protanomaly

21.6136, 23.9869, 23.2294

Deuteranomaly

22.2272, 23.6484, 24.5122

Tritanomaly

20.8161, 24.0887, 29.1436

Monochromacy



Original Color

19.8198, 24.1191, 24.3797

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5804, 22.7995, 24.4351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8198, 24.1191, 24.3797 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, 142, 129) looks like.

```
.text, #text, p{  
    color:rgb(108, 142, 129)  
}
```

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, 142, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 142, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.8198, 24.1191, 24.3797 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, 142, 129) }
```


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

```
.border{ border-color:rgb(108, 142, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 142, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 142, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 142, 129);  
box-shadow:4px 4px 4px 4px rgb(108, 142,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8198, 24.1191, 24.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 142, 129) }
```

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

```
.background{ background-color: rgb(108,  
142, 129) }
```

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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