

Converting Colors

XYZ(21.6166, 19.8310, 23.3681)

Have a look what the booklet for
XYZ(21.6166, 19.8310, 23.3681)
contains.

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Color

**XYZ(21.5948, 19.7757,
23.4478)**

Conversions

Conversions Part 1

Format	Color
Hex	907381
RGB	144, 115, 129
RGB Percent	56%, 45%, 51%
CMY	0.4353, 0.5490, 0.4941
CMYK	0.00, 0.20, 0.10, 0.44
HSL	331°, 12%, 51%
HSV	331°, 20%, 56%
XYZ	21.5948, 19.7757, 23.4478
YIQ	125.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

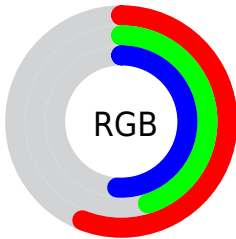
Format	Color
R_{YB}	144, 115, 129
Decimal	9466753
CIE _{Lab}	51.58, 13.79, -3.36
CIE _{LCh}	52, 14.197, 346.320
Yxy	19.7757, 0.3332, 0.3051
Android (android.graphics.Color)	4287656833 (0xFF907381)
YUV	125.2670, 1.8404, 16.4288
Hunter-Lab	44.4699, 8.8582, -0.1331

Details

The XYZ color **21.5948, 19.7757, 23.4478** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0736, 25.2037, 24.8744**, and the grayscale version is **19.5744, 20.5938, 22.4266**.

A 20% lighter version of the original color is **45.5509, 43.0206, 50.1590**, and **7.9693, 6.9207, 8.5052** is the 20% darker color. If you saturate the color by 10%, you get **19.6021, 16.5539, 20.4292**, and if you desaturate by 10%, it is **23.8812, 23.5268, 26.7429**.

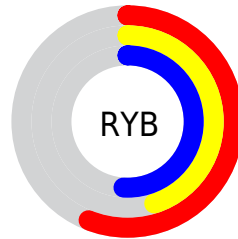
Distribution



Red (56%)

Green (45%)

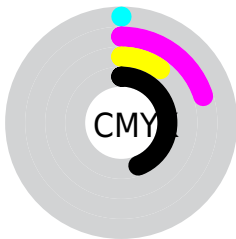
Blue (51%)



Red (56%)

Yellow (45%)

Blue (51%)

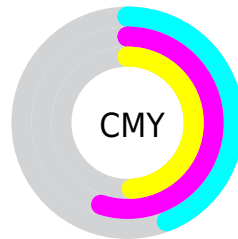


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5948, 19.7757, 23.4478 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 21.5948, 19.7757, 23.4478 by changing the saturation by 10% instead.

■ 21.5948, 19.7757,
23.4478

■ 21.5948, 19.7757,
23.4478

253.0952,
250.6983, 283.2128

■ 13.6744, 12.2321,
14.7161

■ 45.5592, 43.0408,
50.0601

■ 7.9747, 6.9020,
8.4760

■ 62.3340, 59.5311,
68.7777

■ 4.1305, 3.4009,
4.3089

■ 82.7909, 79.7724,
91.6611

■ 1.7762, 1.3444,
1.7963

■ 107.2953,
104.1492, 119.1287

■ 0.5033, 0.1752,
0.4255

136.2126,
133.0457, 151.5992

■ 0.0000, 0.0000,
0.0000

169.9081,

166.8465, 189.4910

208.7472,
205.9359, 233.2227

■ 21.5948, 19.7757,
23.4478

■ 21.5948, 19.7757,
23.4478

■ 19.6021, 16.5539,
20.4292

■ 23.8812, 23.5268,
26.7429

■ 17.8889, 13.8347,
17.6778

■ 26.4716, 27.8269,
30.3209

■ 16.4421, 11.5929,
15.1857

■ 29.3776, 32.6983,
34.1895

■ 15.2468, 9.8004,
12.9439

■ 32.6098, 38.1609,
38.3556

■ 14.2869, 8.4258,
10.9427

■ 36.1784, 44.2338,
42.8259

■ 13.5437, 7.4337,
9.1717

■ 40.0929, 50.9353,
47.6069

■ 12.9961, 6.7827,
7.6191

■ 44.3627, 58.2828,
52.7050

■ 12.5919, 6.3654,
6.2787

■ 48.9965, 66.2931,
58.1261

■ 54.0031, 74.9823,
63.8762

Harmonies

Analogous

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



20.8546, 19.7757, 27.4380



21.5948, 19.7757, 23.4478



21.5589, 19.7757, 19.3956

Triad

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



21.5948, 19.7757, 23.4478



18.0345, 19.7757, 14.8279



16.9615, 19.7757, 27.7406

Complementary

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



21.5948, 19.7757, 23.4478



21.0736, 25.2037, 24.8744

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.



16.2803, 19.7757, 23.8206



21.5948, 19.7757, 23.4478



16.8780, 19.7757, 16.5414

Square

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



21.5948, 19.7757, 23.4478



19.4536, 19.7757, 14.7548



16.2505, 19.7757, 19.7242



18.1538, 19.7757, 30.1205

Rectangle

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



21.5948, 19.7757, 23.4478



21.0985, 19.7757, 17.1991



16.2505, 19.7757, 19.7242



16.6678, 19.7757, 26.5385

Sweetspot

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



21.5954, 19.7766, 23.4482



43.8887, 44.4209, 49.6401



20.3689, 19.0205, 28.9837



10.0064, 10.0902, 11.3027



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.



21.5954, 19.7766, 23.4482



36.4955, 32.2935, 38.9787



20.7828, 19.5400, 18.8969



5.5105, 5.4647, 6.1864



10.9769, 5.5478, 5.5296



0.1160, 0.0575, 0.1110

Inverse Universe

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



21.5954, 19.7766, 23.4482



36.4955, 32.2935, 38.9787



22.0051, 25.4594, 30.1403



5.5105, 5.4647, 6.1864



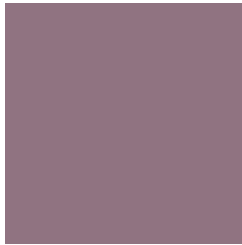
10.9769, 5.5478, 5.5296



0.1160, 0.0575, 0.1110

Previews

White Background



This preview shows how the XYZ color 21.5948, 19.7757, 23.4478 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 21.5948, 19.7757, 23.4478 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 21.5948, 19.7757, 23.4478

Background



This preview shows how black text looks on a background with the XYZ color 21.5948, 19.7757, 23.4478.



This preview shows how white text looks on a background with the XYZ color 21.5948, 19.7757,

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

21.5948, 19.7757, 23.4478

Protanopia

19.2192, 19.7501, 24.9895

Deuteranopia

20.1660, 19.7387, 23.1692



Tritanopia

21.2748, 19.8111, 22.1047

Trichromacy



Original Color

21.5948, 19.7757, 23.4478

Protanomaly

19.9676, 19.6054, 24.5616

Deuteranomaly

20.6912, 19.8337, 23.1598

Tritanomaly

21.3390, 19.8368, 22.4429

Monochromacy



Original Color

21.5948, 19.7757, 23.4478

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.1190, 20.0866, 22.5554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5948, 19.7757, 23.4478 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(144, 115, 129)` looks like.

```
.text, #text, p{  
    color:rgb(144, 115, 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(144, 115, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 115, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.5948, 19.7757, 23.4478 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(144, 115, 129) }
```


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

```
.border{ border-color:rgb(144, 115, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 115, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 115, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 115, 129);  
box-shadow:4px 4px 4px 4px rgb(144, 115,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5948, 19.7757, 23.4478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 115, 129) }
```

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

```
.background{ background-color: rgb(144,  
115, 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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