

Converting Colors

XYZ(22.0117, 19.8760, 24.6641)

Have a look what the booklet for
XYZ(22.0117, 19.8760, 24.6641)
contains.

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Color

**XYZ(21.8592, 19.7203,
24.4841)**

Conversions

Conversions Part 1

Format	Color
Hex	917284
RGB	145, 114, 132
RGB Percent	57%, 45%, 52%
CMY	0.4314, 0.5529, 0.4823
CMYK	0.00, 0.21, 0.09, 0.43
HSL	325°, 12%, 51%
HSV	325°, 21%, 57%
XYZ	21.8592, 19.7203, 24.4841
YIQ	125.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

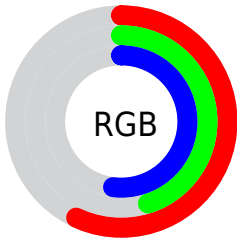
Format	Color
R_{YB}	145, 114, 132
Decimal	9532036
CIE _{Lab}	51.52, 15.31, -5.21
CIE _{LCh}	52, 16.168, 341.213
Yxy	19.7203, 0.3309, 0.2985
Android (android.graphics.Color)	4287722116 (0xFF917284)
YUV	125.3210, 3.2927, 17.2585
Hunter-Lab	44.4075, 10.1518, -1.6043

Details

The XYZ color **21.8592, 19.7203, 24.4841** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8963, 25.3610, 23.8736**, and the grayscale version is **19.5879, 20.6080, 22.4421**.

A 20% lighter version of the original color is **45.9464, 42.9173, 51.7612**, and **8.1256, 6.9006, 9.0873** is the 20% darker color. If you saturate the color by 10%, you get **19.9476, 16.5435, 21.8534**, and if you desaturate by 10%, it is **24.0556, 23.4272, 27.3299**.

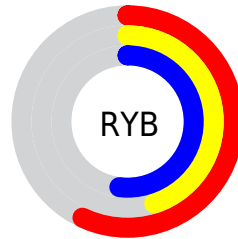
Distribution



Red (57%)

Green (45%)

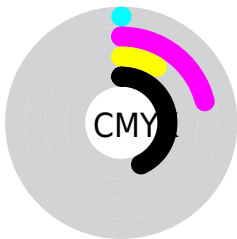
Blue (52%)



Red (57%)

Yellow (45%)

Blue (52%)

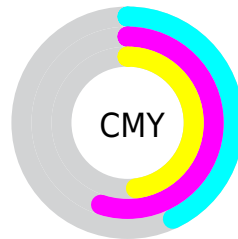


Cyan (0%)

Magenta (21%)

Yellow (9%)

Black (43%)



Cyan (43%)

Magenta (55%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8592, 19.7203, 24.4841 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 21.8592, 19.7203, 24.4841 by changing the saturation by 10% instead.

■ 21.8592, 19.7203,
24.4841

■ 21.8592, 19.7203,
24.4841

254.4563,
250.3969, 288.6239

■ 13.8695, 12.1919,
15.4776

■ 45.9938, 42.9477,
51.7727

■ 8.1111, 6.8745,
9.0049

■ 62.8693, 59.4156,
70.8919

■ 4.2185, 3.3837,
4.6475

■ 83.4376, 79.6320,
94.2191

■ 1.8265, 1.3352,
1.9869

■ 108.0639,
103.9814, 122.1729

■ 0.5335, 0.1682,
0.5472

137.1135,
132.8482, 155.1717

■ 0.0000, 0.0000,
0.0000

170.9519,

166.6168, 193.6341

209.9444,
205.6716, 237.9786

■ 21.8592, 19.7203,
24.4841

■ 21.8592, 19.7203,
24.4841

■ 19.9476, 16.5435,
21.8534

■ 24.0556, 23.4272,
27.3299

■ 18.3063, 13.8695,
19.4302

■ 26.5467, 27.6844,
30.3954

■ 16.9224, 11.6727,
17.2084

■ 29.3442, 32.5144,
33.6867

■ 15.7811, 9.9243,
15.1810

■ 32.4587, 37.9376,
37.2090

■ 14.8658, 8.5920,
13.3403

■ 35.9002, 43.9734,
40.9677

■ 14.1582, 7.6394,
11.6777

■ 39.6781, 50.6402,
44.9677

■ 13.6362, 7.0237,
10.1838

■ 43.8017, 57.9559,
49.2137

■ 13.2848, 6.6629,
9.0123

■ 48.2797, 65.9375,
53.7105

■ 53.1206, 74.6012,
58.4626

Harmonies

Analogous

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



20.8779, 19.7203, 28.9298



21.8592, 19.7203, 24.4841



21.9778, 19.7203, 19.7790

Triad

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



21.8592, 19.7203, 24.4841



18.1427, 19.7203, 13.8377



16.4904, 19.7203, 27.9222

Complementary

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



21.8592, 19.7203, 24.4841



20.8963, 25.3610, 23.8736

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.



15.8433, 19.7203, 23.2591



21.8592, 19.7203, 24.4841



16.7598, 19.7203, 15.4206

Square

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



21.8592, 19.7203, 24.4841



19.7677, 19.7203, 14.0672



15.9390, 19.7203, 18.7178



17.7554, 19.7203, 31.1042

Rectangle

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



21.8592, 19.7203, 24.4841



21.5441, 19.7203, 17.1616



15.9390, 19.7203, 18.7178



16.1968, 19.7203, 26.4499

Sweetspot

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



21.8598, 19.7212, 24.4845



45.3555, 45.8330, 51.7770



19.8689, 18.5856, 29.3285



10.0344, 10.1013, 11.4501



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.



21.8598, 19.7212, 24.4845



37.3166, 32.2628, 41.3670



20.8815, 19.3299, 19.3329



5.5319, 5.4733, 6.2989



11.4079, 5.7202, 7.7992



0.1201, 0.0591, 0.1326

Inverse Universe

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



21.8598, 19.7212, 24.4845



37.3166, 32.2628, 41.3670



21.9793, 25.7942, 29.5762



5.5319, 5.4733, 6.2989



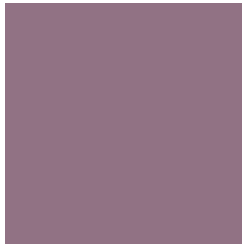
11.4079, 5.7202, 7.7992



0.1201, 0.0591, 0.1326

Previews

White Background



This preview shows how the XYZ color 21.8592, 19.7203, 24.4841 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 21.8592, 19.7203, 24.4841 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 21.8592, 19.7203, 24.4841

Background



This preview shows how black text looks on a background with the XYZ color 21.8592, 19.7203, 24.4841.



This preview shows how white text looks on a background with the XYZ color 21.8592, 19.7203,

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

21.8592, 19.7203, 24.4841

Protanopia

19.3600, 19.7902, 26.4664

Deuteranopia

20.0536, 19.6576, 24.2101



Tritanopia

21.2704, 19.6460, 21.7398

Trichromacy



Original Color

21.8592, 19.7203, 24.4841

Protanomaly

20.1759, 19.6887, 25.6586

Deuteranomaly

20.6114, 19.5955, 24.1687

Tritanomaly

21.4631, 19.7231, 22.7544

Monochromacy



Original Color

21.8592, 19.7203, 24.4841

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2494, 20.1388, 23.2420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8592, 19.7203, 24.4841 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(145, 114, 132)` looks like.

```
.text, #text, p{  
    color:rgb(145, 114, 132)  
}
```

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(145, 114, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 114, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.8592, 19.7203, 24.4841 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(145, 114, 132) }
```


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

```
.border{ border-color:rgb(145, 114, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 114, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 114, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 114, 132);  
box-shadow:4px 4px 4px 4px rgb(145, 114,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8592, 19.7203, 24.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 114, 132) }
```

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

```
.background{ background-color: rgb(145,  
114, 132) }
```

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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