

Converting Colors

XYZ(21.4736, 19.9867, 19.9154)

Have a look what the booklet for
XYZ(21.4736, 19.9867, 19.9154)
contains.

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Color

**XYZ(21.3695, 19.9098,
19.8562)**

Conversions

Conversions Part 1

Format	Color
Hex	927476
RGB	146, 116, 118
RGB Percent	57%, 45%, 46%
CMY	0.4274, 0.5451, 0.5373
CMYK	0.00, 0.21, 0.19, 0.43
HSL	356°, 12%, 51%
HSV	356°, 21%, 57%
XYZ	21.3695, 19.9098, 19.8562
YIQ	125.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

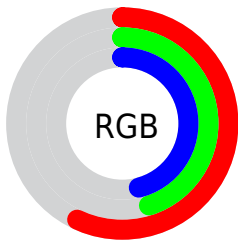
Format	Color
R_{YB}	146, 116, 118
Decimal	9598070
CIE _{Lab}	51.74, 12.07, 3.37
CIE _{LCh}	52, 12.533, 15.590
Yxy	19.9098, 0.3495, 0.3257
Android (android.graphics.Color)	4287788150 (0xFF927476)
YUV	125.1980, -3.5486, 18.2434
Hunter-Lab	44.6204, 7.4011, 4.8501

Details

The XYZ color **21.3695, 19.9098, 19.8562** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.5162, 26.2849, 30.2737**, and the grayscale version is **19.5677, 20.5867, 22.4189**.

A 20% lighter version of the original color is **45.0777, 43.1869, 43.9903**, and **7.8919, 7.0093, 6.7313** is the 20% darker color. If you saturate the color by 10%, you get **19.0648, 16.5041, 15.3770**, and if you desaturate by 10%, it is **24.0568, 23.8932, 25.0408**.

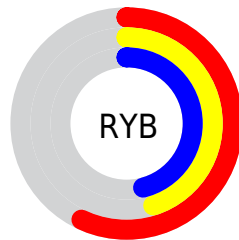
Distribution



Red (57%)

Green (45%)

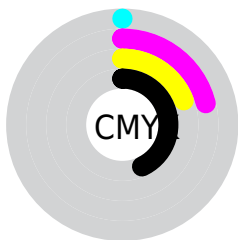
Blue (46%)



Red (57%)

Yellow (45%)

Blue (46%)

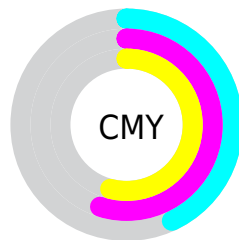


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (43%)



Cyan (43%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3695, 19.9098, 19.8562 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 21.3695, 19.9098, 19.8562 by changing the saturation by 10% instead.

■ 21.3695, 19.9098,
19.8562

■ 21.3695, 19.9098,
19.8562

251.9304,
251.4264, 263.7140

■ 13.5084, 12.3295,
12.1075

■ 45.1883, 43.2659,
44.0318

■ 7.8589, 6.9685,
6.6935

■ 61.8767, 59.8105,
61.2957

■ 4.0559, 3.4424,
3.1957

■ 82.2383, 80.1120,
82.5685

■ 1.7338, 1.3668,
1.1954

■ 106.6383,
104.5547, 108.2687

■ 0.4773, 0.1921,
0.0000

135.4422,
133.5231, 138.8148

■ 0.0000, 0.0000,
0.0000

169.0153,

167.4016, 174.6254

207.7229,
206.5746, 216.1189

■ 21.3695, 19.9098,
19.8562

■ 21.3695, 19.9098,
19.8562

■ 19.0648, 16.5041,
15.3770

■ 24.0568, 23.8932,
25.0408

■ 17.1238, 13.6466,
11.5714

■ 27.1414, 28.4765,
30.9580

■ 15.5284, 11.3096,
8.4073

■ 30.6390, 33.6839,
37.6353

■ 14.2582, 9.4617,
5.8493

■ 34.5641, 39.5378,
45.0983

■ 13.2909, 8.0681,
3.8587

■ 38.9306, 46.0591,
53.3714

■ 12.6011, 7.0896,
2.3920

■ 43.7514, 53.2681,
62.4780

■ 12.1593, 6.4801,
1.3999

■ 49.0393, 61.1841,
72.4404

■ 11.9074, 6.1324,
0.8352

■ 54.8063, 69.8255,
83.2802

■ 61.0641, 79.2103,
95.0183

Harmonies

Analogous

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



21.3836, 19.9098, 23.4622



21.3695, 19.9098, 19.8562



20.6809, 19.9098, 17.0650

Triad

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



21.3695, 19.9098, 19.8562



17.2356, 19.9098, 17.1517



18.3236, 19.9098, 29.1655

Complementary

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



21.3695, 19.9098, 19.8562



22.5162, 26.2849, 30.2737

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.



17.2689, 19.9098, 27.0563



21.3695, 19.9098, 19.8562



16.6600, 19.9098, 19.9874

Square

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



21.3695, 19.9098, 19.8562



18.2762, 19.9098, 15.6265



16.6720, 19.9098, 23.6088



19.5862, 19.9098, 29.1202

Rectangle

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



21.3695, 19.9098, 19.8562



19.9488, 19.9098, 15.9236



16.6720, 19.9098, 23.6088



17.9343, 19.9098, 28.6755

Sweetspot

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



21.3700, 19.9107, 19.8566



44.7580, 45.5940, 48.6304



22.9359, 20.4963, 29.9417



9.8901, 10.0436, 10.6901



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.



21.3700, 19.9107, 19.8566



35.5995, 32.0195, 30.9572



22.8573, 23.0732, 19.7730



5.8155, 5.8213, 6.1347



10.4819, 5.3978, 0.7527



0.1314, 0.0673, 0.0256

Inverse Universe

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



21.3700, 19.9107, 19.8566



35.5995, 32.0195, 30.9572



20.7791, 22.5642, 30.4545



5.8155, 5.8213, 6.1347



10.4819, 5.3978, 0.7527



0.1314, 0.0673, 0.0256

Previews

White Background



This preview shows how the XYZ color 21.3695, 19.9098, 19.8562 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 21.3695, 19.9098, 19.8562 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 21.3695, 19.9098, 19.8562

Background



This preview shows how black text looks on a background with the XYZ color 21.3695, 19.9098, 19.8562.



This preview shows how white text looks on a background with the XYZ color 21.3695, 19.9098,

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

21.3695, 19.9098, 19.8562

Protanopia

19.2000, 20.0067, 21.2621

Deuteranopia

20.2889, 19.8813, 19.5977



Tritanopia

21.8014, 19.9197, 21.7646

Trichromacy



Original Color

21.3695, 19.9098, 19.8562

Protanomaly

19.8405, 19.8000, 20.8652

Deuteranomaly

20.6738, 19.9039, 19.5818

Tritanomaly

21.6762, 19.8697, 21.1051

Monochromacy



Original Color

21.3695, 19.9098, 19.8562

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.1453, 20.3108, 21.2710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3695, 19.9098, 19.8562 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(146, 116, 118) looks like.

```
.text, #text, p{  
    color:rgb(146, 116, 118)  
}
```

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(146, 116, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 116, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.3695, 19.9098, 19.8562 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(146, 116, 118) }
```


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

```
.border{ border-color:rgb(146, 116, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 116, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 116, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 116, 118); box-shadow:4px 4px 4px 4px rgb(146, 116, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3695, 19.9098, 19.8562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 116, 118) }
```

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

```
.background{ background-color: rgb(146,  
116, 118) }
```

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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