

Converting Colors

XYZ(21.6748, 19.8695, 19.1800)

Have a look what the booklet for
XYZ(21.6748, 19.8695, 19.1800)
contains.

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Color

**XYZ(21.6775, 19.9120,
19.2239)**

Conversions

Conversions Part 1

Format	Color
Hex	957374
RGB	149, 115, 116
RGB Percent	58%, 45%, 45%
CMY	0.4157, 0.5490, 0.5451
CMYK	0.00, 0.23, 0.22, 0.42
HSL	358°, 14%, 52%
HSV	358°, 23%, 58%
XYZ	21.6775, 19.9120, 19.2239
YIQ	125.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

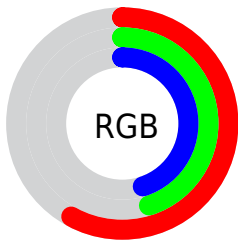
Format	Color
R _Y B	149, 115, 116
Decimal	9794420
CIE Lab	51.74, 13.52, 4.59
CIE LCh	52, 14.273, 18.756
Yxy	19.9120, 0.3565, 0.3274
Android (android.graphics.Color)	4287984500 (0xFF957374)
YUV	125.2800, -4.5750, 20.8024
Hunter-Lab	44.6229, 8.6241, 5.6934

Details

The XYZ color **21.6775, 19.9120, 19.2239** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.1637, 27.2782, 32.0626**, and the grayscale version is **19.5980, 20.6187, 22.4537**.

A 20% lighter version of the original color is **45.7884, 43.3020, 42.9906**, and **7.9803, 6.9731, 6.3942** is the 20% darker color. If you saturate the color by 10%, you get **19.3370, 16.4740, 14.6112**, and if you desaturate by 10%, it is **24.4248, 23.9535, 24.6189**.

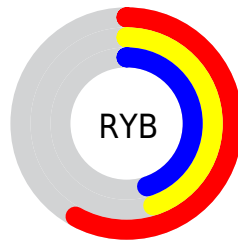
Distribution



Red (58%)

Green (45%)

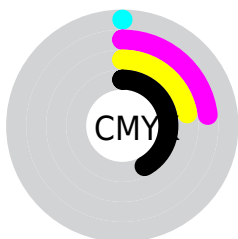
Blue (45%)



Red (58%)

Yellow (45%)

Blue (45%)

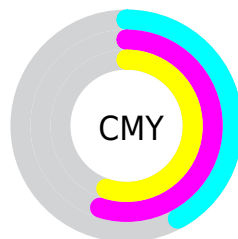


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6775, 19.9120, 19.2239 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 21.6775, 19.9120, 19.2239 by changing the saturation by 10% instead.

■ 21.6775, 19.9120,
19.2239

■ 21.6775, 19.9120,
19.2239

253.5216,
251.4383, 260.1458

■ 13.7354, 12.3311,
11.6537

■ 45.6952, 43.2696,
42.9538

■ 8.0173, 6.9696,
6.3887

■ 62.5016, 59.8151,
59.9507

■ 4.1579, 3.4431,
3.0103

■ 82.9934, 80.1175,
80.9268

■ 1.7919, 1.3672,
1.0999

■ 107.5360,
104.5614, 106.3008

■ 0.5128, 0.1924,
0.0000

136.4947,
133.5310, 136.4911

■ 0.0000, 0.0000,
0.0000

170.2350,

167.4107, 171.9164

209.1222,
206.5851, 212.9951

■ 21.6775, 19.9120,
19.2239

■ 21.6775, 19.9120,
19.2239

■ 19.3370, 16.4740,
14.6112

■ 24.4248, 23.9535,
24.6189

■ 17.3824, 13.6081,
10.7433

■ 27.5951, 28.6226,
30.8289

■ 15.7934, 11.2839,
7.5817

■ 31.2059, 33.9454,
37.8860

■ 14.5474, 9.4675,
5.0835

■ 35.2731, 39.9458,
45.8206

■ 13.6190, 8.1208,
3.2017

■ 39.8118, 46.6464,
54.6612

■ 12.9796, 7.2007,
1.8827

■ 44.8366, 54.0689,
64.4353

■ 12.5952, 6.6560,
1.0639

■ 50.3612, 62.2337,
75.1690

■ 12.4184, 6.3991,
0.7061

■ 56.3990, 71.1609,
86.8875

■ 62.9626, 80.8694,
99.6152

Harmonies

Analogous

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



21.7807, 19.9120, 23.2679



21.6775, 19.9120, 19.2239



20.8152, 19.9120, 16.2362

Triad

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



21.6775, 19.9120, 19.2239



16.9145, 19.9120, 16.8511



18.3897, 19.9120, 30.4493

Complementary

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



21.6775, 19.9120, 19.2239



23.1637, 27.2782, 32.0626

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.



17.1542, 19.9120, 28.2239



21.6775, 19.9120, 19.2239



16.3319, 19.9120, 20.1675

Square

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



21.6775, 19.9120, 19.2239



18.0472, 19.9120, 14.9913



16.4173, 19.9120, 24.3386



19.8323, 19.9120, 30.1124

Rectangle

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



21.6775, 19.9120, 19.2239



19.9494, 19.9120, 15.0837



16.4173, 19.9120, 24.3386



17.9378, 19.9120, 29.9658

Sweetspot

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



21.6780, 19.9129, 19.2243



46.8681, 47.5011, 50.2167



23.7446, 20.7158, 31.1808



10.3228, 10.4329, 11.0037



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.6780, 19.9129, 19.2243



36.7503, 32.6162, 30.3486



23.5878, 23.8248, 19.5763



5.8073, 5.8180, 6.0913



10.4538, 5.3866, 0.6047



0.1293, 0.0665, 0.0146

Inverse Universe

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



21.6780, 19.9129, 19.2243



36.7503, 32.6162, 30.3486



20.9016, 22.6271, 31.6996



5.8073, 5.8180, 6.0913



10.4538, 5.3866, 0.6047



0.1293, 0.0665, 0.0146

Previews

White Background



This preview shows how the XYZ color 21.6775, 19.9120, 19.2239 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 21.6775, 19.9120, 19.2239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

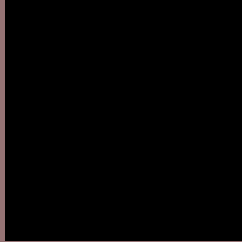
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6775, 19.9120, 19.2239

Background



This preview shows how black text looks on a background with the XYZ color 21.6775, 19.9120, 19.2239.



This preview shows how white text looks on a background with the XYZ color 21.6775, 19.9120,

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

21.6775, 19.9120, 19.2239

Protanopia

19.0773, 19.9576, 20.6160

Deuteranopia

20.3388, 19.9204, 18.9927



Tritanopia

22.1701, 19.9487, 21.4209

Trichromacy



Original Color

21.6775, 19.9120, 19.2239

Protanomaly

19.8778, 19.8332, 20.2333

Deuteranomaly

20.9006, 20.0343, 18.9851

Tritanomaly

21.9852, 19.8747, 20.4468

Monochromacy



Original Color

21.6775, 19.9120, 19.2239

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.1817, 20.1482, 21.2377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6775, 19.9120, 19.2239 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(149, 115, 116)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 116)  
}
```

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(149, 115, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 116) }
```

Border

The CSS property to change the border of an element to XYZ 21.6775, 19.9120, 19.2239 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(149, 115, 116) }
```


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

```
.border{ border-color:rgb(149, 115, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 115, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 115, 116);  
box-shadow:4px 4px 4px 4px rgb(149, 115,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6775, 19.9120, 19.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 116) }
```

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

```
.background{ background-color: rgb(149,  
115, 116) }
```

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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