

Converting Colors

XYZ(22.7491, 24.1059, 21.3207)

Have a look what the booklet for
XYZ(22.7491, 24.1059, 21.3207)
contains.

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Color

**XYZ(22.8694, 24.2595,
21.2465)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8778
RGB	140, 135, 120
RGB Percent	55%, 53%, 47%
CMY	0.4510, 0.4706, 0.5294
CMYK	0.00, 0.04, 0.14, 0.45
HSL	45°, 8%, 51%
HSV	45°, 14%, 55%
XYZ	22.8694, 24.2595, 21.2465
YIQ	134.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

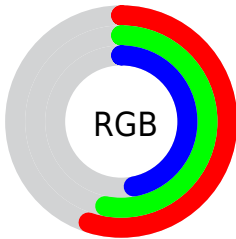
Format	Color
R_{YB}	127, 140, 120
Decimal	9209720
CIE Lab	56.35, -0.85, 8.73
CIE LCh	56, 8.773, 95.574
Yxy	24.2595, 0.3345, 0.3548
Android (android.graphics.Color)	4287399800 (0xFF8C8778)
YUV	134.7850, -7.2890, 4.5736
Hunter-Lab	49.2539, -3.3139, 8.9020

Details

The XYZ color **22.8694, 24.2595, 21.2465** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.8129, 20.5534, 27.7342**, and the grayscale version is **22.9742, 24.1706, 26.3218**.

A 20% lighter version of the original color is **47.6777, 50.4143, 46.2478**, and **8.6346, 9.1385, 7.4397** is the 20% darker color. If you saturate the color by 10%, you get **21.6013, 22.9849, 16.9340**, and if you desaturate by 10%, it is **24.2791, 25.6180, 26.2198**.

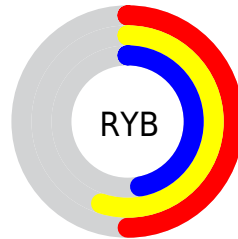
Distribution



Red (55%)

Green (53%)

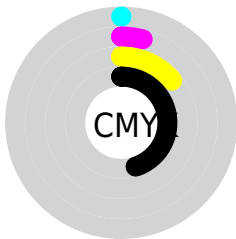
Blue (47%)



Red (50%)

Yellow (55%)

Blue (47%)

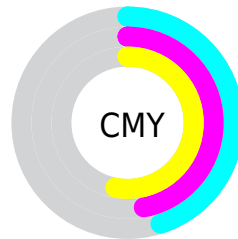


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8694, 24.2595, 21.2465 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 22.8694, 24.2595, 21.2465 by changing the saturation by 10% instead.

■ 22.8694, 24.2595,
21.2465

■ 22.8694, 24.2595,
21.2465

259.6014,
274.1298, 271.4096

■ 14.6173, 15.5262,
13.1113

■ 47.6470, 50.4533,
46.3835

■ 8.6358, 9.1895,
7.3736

■ 64.9032, 68.6827,
64.2224

■ 4.5596, 4.8650,
3.6149

■ 85.8915, 90.8462,
86.1330

■ 2.0233, 2.1683,
1.4165

110.9772,
117.3283, 112.5338

■ 0.6470, 0.7026,
0.1546

140.5257,
148.5132, 143.8433

■ 0.0000, 0.0000,
0.0000

174.9023,

184.7856, 180.4800

214.4724,
226.5296, 222.8626

■ 22.8694, 24.2595,
21.2465

■ 22.8694, 24.2595,
21.2465

■ 21.6013, 22.9849,
16.9340

■ 24.2791, 25.6180,
26.2198

■ 20.4673, 21.7886,
13.2523

■ 25.8337, 27.0596,
31.8789

■ 19.4622, 20.6689,
10.1716

■ 27.5387, 28.5875,
38.2495

■ 18.5795, 19.6232,
7.6590

■ 29.3987, 30.2037,
45.3554

■ 17.8124, 18.6484,
5.6784

■ 31.4183, 31.9104,
53.2194

■ 17.1528, 17.7410,
4.1894

■ 33.6017, 33.7094,
61.8633

■ 16.5921, 16.8973,
3.1461

■ 35.9530, 35.6027,
71.3078

■ 16.1189, 16.1125,
2.4902

■ 38.4761, 37.5919,
81.5732

■ 15.8690, 15.6828,
2.1907

■ 41.1749, 39.6789,
92.6788

Harmonies

Analogous

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



23.8721, 24.2595, 21.6578



22.8694, 24.2595, 21.2465



21.9442, 24.2595, 22.1355

Triad

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



22.8694, 24.2595, 21.2465



21.5110, 24.2595, 29.7914



24.8757, 24.2595, 28.7869

Complementary

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



22.8694, 24.2595, 21.2465



19.8129, 20.5534, 27.7342

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.



24.2087, 24.2595, 31.2121



22.8694, 24.2595, 21.2465



22.2625, 24.2595, 31.8211

Square

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



22.8694, 24.2595, 21.2465



21.1747, 24.2595, 26.9596



23.2475, 24.2595, 32.3591



25.0496, 24.2595, 25.8768

Rectangle

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



22.8694, 24.2595, 21.2465



21.4896, 24.2595, 23.3872



23.2475, 24.2595, 32.3591



24.7008, 24.2595, 29.6924

Sweetspot

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



22.8701, 24.2606, 21.2470



42.8574, 45.2150, 46.4149



21.2337, 20.4894, 22.2381



9.8341, 10.3796, 10.5470



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.



22.8701, 24.2606, 21.2470



39.6073, 42.0659, 35.0009



22.7602, 25.2634, 21.4464



5.3270, 5.6369, 5.3597



14.1162, 13.9668, 1.9519



0.1054, 0.1160, 0.0168

Inverse Universe

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



19.8129, 20.5534, 27.7342



33.1937, 34.2887, 48.6119



19.9079, 19.6867, 27.5619



4.8696, 5.0822, 6.3301



4.7536, 2.7774, 22.3312



0.0418, 0.0388, 0.1517

Previews

White Background



This preview shows how the XYZ color 22.8694, 24.2595, 21.2465 looks on a white background.

Color Contrast Check

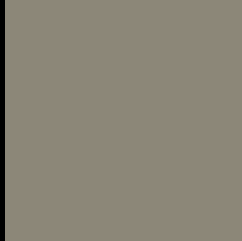
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8694, 24.2595, 21.2465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

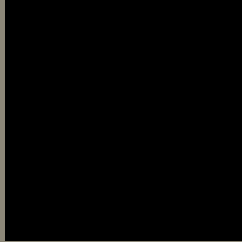
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.8694, 24.2595, 21.2465

Background



This preview shows how black text looks on a background with the XYZ color 22.8694, 24.2595, 21.2465.



This preview shows how white text looks on a background with the XYZ color 22.8694, 24.2595,

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

22.8694, 24.2595, 21.2465

Protanopia

23.0386, 24.3467, 21.2544

Deuteranopia

24.5707, 24.1180, 21.4494



Tritanopia

24.4614, 24.2952, 28.9914

Trichromacy



Original Color

22.8694, 24.2595, 21.2465

Protanomaly

23.0386, 24.3467, 21.2544

Deuteranomaly

23.9152, 24.1789, 21.4957

Tritanomaly

23.8459, 24.2471, 25.9776

Monochromacy



Original Color

22.8694, 24.2595, 21.2465

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0098, 24.2580, 24.5886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8694, 24.2595, 21.2465 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(140, 135, 120)` looks like.

```
.text, #text, p{  
    color:rgb(140, 135, 120)  
}
```

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(140, 135, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 135, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.8694, 24.2595, 21.2465 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(140, 135, 120) }
```


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

```
.border{ border-color:rgb(140, 135, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 135, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 135, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 135, 120);  
box-shadow:4px 4px 4px 4px rgb(140, 135,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8694, 24.2595, 21.2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 135, 120) }
```

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

```
.background{ background-color: rgb(140,  
135, 120) }
```

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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