

Converting Colors

XYZ(21.8450, 22.4508, 21.2882)

Have a look what the booklet for
XYZ(21.8450, 22.4508, 21.2882)
contains.

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Color

**XYZ(21.9489, 22.5700,
21.2888)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8179
RGB	139, 129, 121
RGB Percent	55%, 51%, 47%
CMY	0.4549, 0.4941, 0.5255
CMYK	0.00, 0.07, 0.13, 0.45
HSL	27°, 7%, 51%
HSV	27°, 13%, 55%
XYZ	21.9489, 22.5700, 21.2888
YIQ	131.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

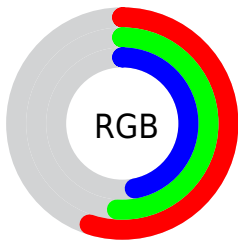
Format	Color
R_{YB}	139, 135, 121
Decimal	9142649
CIE Lab	54.63, 2.33, 5.69
CIE LCh	55, 6.149, 67.711
Yxy	22.5700, 0.3335, 0.3430
Android (android.graphics.Color)	4287332729 (0xFF8B8179)
YUV	131.0780, -4.9685, 6.9476
Hunter-Lab	47.5079, -0.6709, 6.6870

Details

The XYZ color **21.9489, 22.5700, 21.2888** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.6615, 22.1611, 27.6147**, and the grayscale version is **21.6168, 22.7426, 24.7667**.

A 20% lighter version of the original color is **46.2631, 47.8105, 46.3252**, and **8.1911, 8.3422, 7.4818** is the 20% darker color. If you saturate the color by 10%, you get **20.1786, 20.2965, 16.7919**, and if you desaturate by 10%, it is **23.9201, 25.0483, 26.4593**.

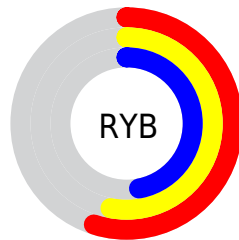
Distribution



Red (55%)

Green (51%)

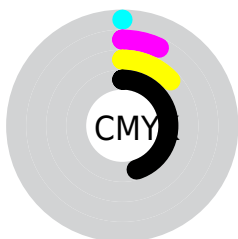
Blue (47%)



Red (55%)

Yellow (53%)

Blue (47%)

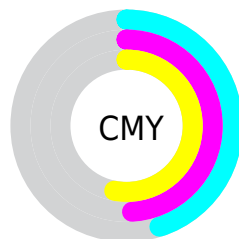


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9489, 22.5700, 21.2888 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 21.9489, 22.5700, 21.2888 by changing the saturation by 10% instead.

■ 21.9489, 22.5700,
21.2888

■ 21.9489, 22.5700,
21.2888

254.9167,
265.5087, 271.6406

■ 13.9357, 14.2763,
13.1420

■ 46.1410, 47.6863,
46.4547

■ 8.1574, 8.3131,
7.3945

■ 63.0507, 65.2777,
64.3108

■ 4.2485, 4.2959,
3.6279

■ 83.6566, 86.7371,
86.2405

■ 1.8436, 1.8404,
1.4235

108.3240,
112.4490, 112.6623

■ 0.5438, 0.5122,
0.1599

137.4184,
142.7977, 143.9946

■ 0.0000, 0.0000,
0.0000

171.3051,

178.1676, 180.6561

210.3494,
218.9431, 223.0652

■ 21.9489, 22.5700,
21.2888

■ 21.9489, 22.5700,
21.2888

■ 20.1786, 20.2965,
16.7919

■ 23.9201, 25.0483,
26.4593

■ 18.6005, 18.2194,
12.9390

■ 26.0970, 27.7337,
32.3283

■ 17.2078, 16.3338,
9.7005

■ 28.4864, 30.6322,
38.9213

■ 15.9926, 14.6339,
7.0439

■ 31.0942, 33.7486,
46.2622

■ 14.9465, 13.1132,
4.9335

■ 33.9262, 37.0877,
54.3735

■ 14.0601, 11.7647,
3.3299

■ 36.9878, 40.6538,
63.2769

■ 13.3229, 10.5810,
2.1881

■ 40.2843, 44.4515,
72.9934

■ 12.7229, 9.5539,
1.4550

■ 43.8208, 48.4850,
83.5429

■ 12.3593, 8.9127,
1.0689

■ 47.6023, 52.7583,
94.9448

Harmonies

Analogous

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



22.4969, 22.5700, 22.3674



21.9489, 22.5700, 21.2888



21.2782, 22.5700, 21.0674

Triad

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



21.9489, 22.5700, 21.2888



20.1896, 22.5700, 25.0778



22.2571, 22.5700, 27.6391

Complementary

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



21.9489, 22.5700, 21.2888



20.6615, 22.1611, 27.6147

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.



21.6270, 22.5700, 28.4516



21.9489, 22.5700, 21.2888



20.4401, 22.5700, 26.9230

Square

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



21.9489, 22.5700, 21.2888



20.2717, 22.5700, 23.1898



20.9629, 22.5700, 28.1829



22.6775, 22.5700, 26.0140

Rectangle

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



21.9489, 22.5700, 21.2888



20.8533, 22.5700, 21.4243



20.9629, 22.5700, 28.1829



22.0622, 22.5700, 28.0201

Sweetspot

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



21.9495, 22.5710, 21.2893



42.4167, 44.3336, 46.2680



21.5954, 20.8081, 24.4223



9.7159, 10.1431, 10.5076



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.



21.9495, 22.5710, 21.2893



38.1902, 38.9959, 35.2551



23.1586, 24.9892, 21.6923



5.2040, 5.3907, 5.3186



11.1715, 8.0774, 0.9703



0.0885, 0.0821, 0.0112

Inverse Universe

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



20.6615, 22.1611, 27.6147



35.3440, 38.0898, 49.2322



19.5298, 19.8976, 27.2375



4.9898, 5.3226, 6.3702



6.6312, 6.5326, 22.9571



0.0587, 0.0727, 0.1574

Previews

White Background



This preview shows how the XYZ color 21.9489, 22.5700, 21.2888 looks on a white background.

Color Contrast Check

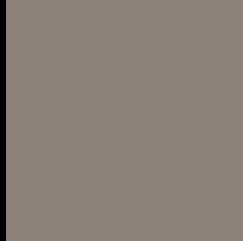
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9489, 22.5700, 21.2888 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 21.9489, 22.5700, 21.2888

Background



This preview shows how black text looks on a background with the XYZ color 21.9489, 22.5700, 21.2888.



This preview shows how white text looks on a background with the XYZ color 21.9489, 22.5700,

21.2888.

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

21.9489, 22.5700, 21.2888

Protanopia

21.4872, 22.5213, 21.6269

Deuteranopia

23.0063, 22.5299, 21.5485



Tritanopia

23.0892, 22.6476, 26.8214

Trichromacy



Original Color

21.9489, 22.5700, 21.2888

Protanomaly

21.6488, 22.6046, 21.6345

Deuteranomaly

22.6038, 22.5132, 21.5665

Tritanomaly

22.6311, 22.6525, 24.6523

Monochromacy



Original Color

21.9489, 22.5700, 21.2888

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6449, 22.5659, 23.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9489, 22.5700, 21.2888 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(139, 129, 121)` looks like.

```
.text, #text, p{  
    color:rgb(139, 129, 121)  
}
```

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(139, 129, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 129, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.9489, 22.5700, 21.2888 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(139, 129, 121) }
```


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

```
.border{ border-color:rgb(139, 129, 121) }
```

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

Here you see how a box with a 4 pixel rgb(139, 129, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 129, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 129, 121);  
box-shadow:4px 4px 4px 4px rgb(139, 129,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9489, 22.5700, 21.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 129, 121) }
```

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

```
.background{ background-color: rgb(139,  
129, 121) }
```

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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