

Converting Colors

XYZ(25.5799, 21.8821, 21.2878)

Have a look what the booklet for
XYZ(25.5799, 21.8821, 21.2878)
contains.

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Color

**XYZ(25.5799, 21.8821,
21.2878)**

Conversions

Conversions Part 1

Format	Color
Hex	A7737A
RGB	167, 115, 122
RGB Percent	65%, 45%, 48%
CMY	0.3451, 0.5490, 0.5216
CMYK	0.00, 0.31, 0.27, 0.35
HSL	352°, 23%, 55%
HSV	352°, 31%, 65%
XYZ	25.5799, 21.8821, 21.2878
YIQ	131.3460, 28.7450, 13.2010

Conversions

Conversions Part 2

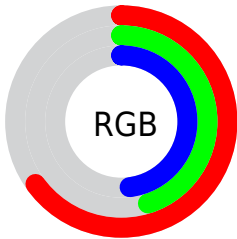
Format	Color
R_{YB}	167, 115, 122
Decimal	10974074
CIE _{Lab}	53.90, 21.52, 4.44
CIE _{LCh}	54, 21.970, 11.662
Yxy	21.8821, 0.3721, 0.3183
Android (android.graphics.Color)	4289164154 (0xFFA7737A)
YUV	131.3460, -4.6076, 31.2686
Hunter-Lab	46.7783, 15.7476, 5.7632

Details

The XYZ color **25.5799, 21.8821, 21.2878** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2350, 33.8208, 38.3520**, and the grayscale version is **21.7064, 22.8368, 24.8693**.

A 20% lighter version of the original color is **51.8901, 46.3814, 46.2620**, and **10.0902, 7.9549, 7.3070** is the 20% darker color. If you saturate the color by 10%, you get **23.0153, 18.0810, 16.3385**, and if you desaturate by 10%, it is **28.6239, 26.4285, 27.0545**.

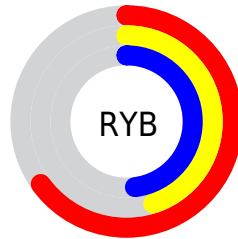
Distribution



Red (65%)

Green (45%)

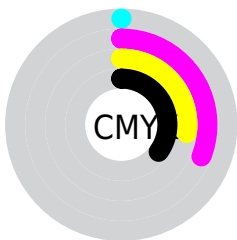
Blue (48%)



Red (65%)

Yellow (45%)

Blue (48%)

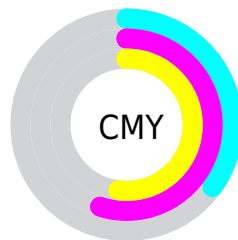


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (35%)



Cyan (35%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5799, 21.8821, 21.2878 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 25.5799, 21.8821, 21.2878 by changing the saturation by 10% instead.

 25.5799, 21.8821,
21.2878


 25.5799, 21.8821,
21.2878

273.0084,
261.9300, 271.6352


 16.6407, 13.7703,
13.1412


 52.0326, 46.5511,
46.4530


 10.0723, 7.9611,
7.3940


 70.2767, 63.8770,
64.3088

 5.5096, 4.0701,
3.6276

 92.3532, 85.0431,
86.2380

 2.5870, 1.7128,
1.4233

 118.6274,
110.4338, 112.6592

 0.9394, 0.4319,
0.1598

149.4647,
140.4334, 143.9910

 0.0000, 0.0000,
0.0000

185.2304,

175.4264, 180.6519

226.2898,
215.7971, 223.0605

■ 25.5799, 21.8821,
21.2878

■ 25.5799, 21.8821,
21.2878

■ 23.0153, 18.0810,
16.3385

■ 28.6239, 26.4285,
27.0545

■ 20.9039, 14.9826,
12.1682

■ 32.1681, 31.7537,
33.6720

■ 19.2195, 12.5444,
8.7374


■ 36.2346, 37.8932,
41.1735


■ 17.9325, 10.7185,
6.0025


■ 40.8434, 44.8790,
49.5897


■ 17.0097, 9.4500,
3.9154


■ 46.0134, 52.7416,
58.9503


 16.4120, 8.6747,
2.4216

 51.7626, 61.5101,
69.2833

 16.0858, 8.2753,
1.5326

 58.1085, 71.2119,
80.6157

 65.0673, 81.8736,
92.9734

 69.2792, 86.7686,
105.2560

Harmonies

Analogous

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



25.4228, 21.8821, 28.1650



25.5799, 21.8821, 21.2878



24.3858, 21.8821, 16.1714

Triad

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



25.5799, 21.8821, 21.2878



17.9181, 21.8821, 15.3569



19.3994, 21.8821, 38.4581

Complementary

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



25.5799, 21.8821, 21.2878



27.2350, 33.8208, 38.3520

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.



17.5811, 21.8821, 33.5796



25.5799, 21.8821, 21.2878



16.7716, 21.8821, 19.9570

Square

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



25.5799, 21.8821, 21.2878



19.8921, 21.8821, 13.2074



16.6531, 21.8821, 26.5581



21.7316, 21.8821, 39.0010

Rectangle

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



25.5799, 21.8821, 21.2878



23.0335, 21.8821, 14.0989



16.6531, 21.8821, 26.5581



18.7125, 21.8821, 37.2332

Sweetspot

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



25.5805, 21.8831, 21.2882



58.9722, 58.9201, 62.8269



27.4442, 22.4440, 39.4449



12.9785, 12.8560, 13.6549



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.5805, 21.8831, 21.2882



42.7167, 34.5952, 32.1715



27.4465, 26.2841, 19.8477



7.5707, 7.5581, 8.0565



12.3200, 6.3367, 1.2310



0.3117, 0.1590, 0.0931

Inverse Universe

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



25.5805, 21.8831, 21.2882



42.7167, 34.5952, 32.1715



24.7619, 27.8673, 40.6331



7.5707, 7.5581, 8.0565



12.3200, 6.3367, 1.2310



0.3117, 0.1590, 0.0931

Previews

White Background



This preview shows how the XYZ color 25.5799, 21.8821, 21.2878 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 25.5799, 21.8821, 21.2878 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 25.5799, 21.8821, 21.2878

Background



This preview shows how black text looks on a background with the XYZ color 25.5799, 21.8821, 21.2878.



This preview shows how white text looks on a background with the XYZ color 25.5799, 21.8821,

21.2878.

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

25.5799, 21.8821, 21.2878

Protanopia

21.2396, 22.1375, 24.2726

Deuteranopia

22.4008, 22.0430, 20.8434



Tritanopia

25.6422, 21.9070, 21.6159

Trichromacy



Original Color

25.5799, 21.8821, 21.2878

Protanomaly

22.5400, 21.8769, 23.1133

Deuteranomaly

23.4254, 21.8275, 21.0676

Tritanomaly

25.6422, 21.9070, 21.6159

Monochromacy



Original Color

25.5799, 21.8821, 21.2878

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.7315, 22.1550, 23.5003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5799, 21.8821, 21.2878 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(167, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(167, 115, 122)  
}
```

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(167, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 115, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.5799, 21.8821, 21.2878 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(167, 115, 122) }
```


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

```
.border{ border-color:rgb(167, 115, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 115, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 115, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 115, 122);  
box-shadow:4px 4px 4px 4px rgb(167, 115,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5799, 21.8821, 21.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 115, 122) }
```

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

```
.background{ background-color: rgb(167,  
115, 122) }
```

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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