

Converting Colors

XYZ(25.7409, 21.7895, 21.5880)

Have a look what the booklet for
XYZ(25.7409, 21.7895, 21.5880)
contains.

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Color

**XYZ(25.7409, 21.7895,
21.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	A8727B
RGB	168, 114, 123
RGB Percent	66%, 45%, 48%
CMY	0.3412, 0.5529, 0.5176
CMYK	0.00, 0.32, 0.27, 0.34
HSL	350°, 24%, 55%
HSV	350°, 32%, 66%
XYZ	25.7409, 21.7895, 21.5880
YIQ	131.1720, 29.2950, 14.2470

Conversions

Conversions Part 2

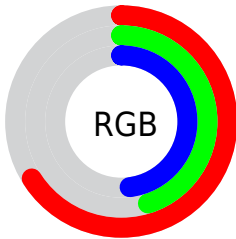
Format	Color
RYB	168, 114, 123
Decimal	11039355
CIELab	53.80, 22.62, 3.73
CIELCh	54, 22.924, 9.359
Yxy	21.7895, 0.3724, 0.3152
Android (android.graphics.Color)	4289229435 (0xFFA8727B)
YUV	131.1720, -4.0288, 32.2982
Hunter-Lab	46.6792, 16.7438, 5.2553

Details

The XYZ color **25.7409, 21.7895, 21.5880** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2010, 34.0864, 37.9482**, and the grayscale version is **21.6420, 22.7690, 24.7955**.

A 20% lighter version of the original color is **52.1146, 46.2149, 46.7311**, and **10.1966, 7.9198, 7.4698** is the 20% darker color. If you saturate the color by 10%, you get **23.2024, 18.0162, 16.7226**, and if you desaturate by 10%, it is **28.7540, 26.3111, 27.2306**.

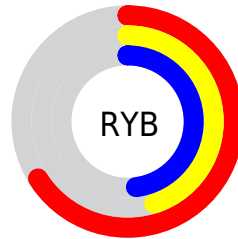
Distribution



Red (66%)

Green (45%)

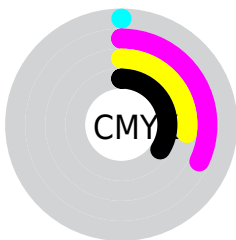
Blue (48%)



Red (66%)

Yellow (45%)

Blue (48%)

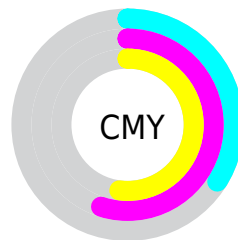


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (34%)



Cyan (34%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7409, 21.7895, 21.5880 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 25.7409, 21.7895, 21.5880 by changing the saturation by 10% instead.

■ 25.7409, 21.7895,
21.5880

■ 25.7409, 21.7895,
21.5880

273.7879,
261.4450, 273.2701

■ 16.7616, 13.7023,
13.3591

■ 52.2909, 46.3978,
46.9575

■ 10.1589, 7.9139,
7.5426

■ 70.5924, 63.6878,
64.9352

■ 5.5675, 4.0399,
3.7202

■ 92.7319, 84.8141,
86.9995

■ 2.6221, 1.6959,
1.4731

■ 119.0748,
110.1612, 113.5691

■ 0.9572, 0.4210,
0.1978

149.9865,
140.1134, 145.0624

■ 0.0000, 0.0000,
0.0000

185.8324,

175.0552, 181.8979

226.9777,
215.3709, 224.4943

■ 25.7409, 21.7895,
21.5880

■ 25.7409, 21.7895,
21.5880

■ 23.2024, 18.0162,
16.7226

■ 28.7540, 26.3111,
27.2306

■ 21.1124, 14.9478,
12.5987

■ 32.2626, 31.6152,
33.6812

■ 19.4448, 12.5412,
9.1801


■ 36.2883, 37.7375,
40.9704


■ 18.1702, 10.7475,
6.4266


■ 40.8511, 44.7106,
49.1271


■ 17.2554, 9.5106,
4.2940


■ 45.9698, 52.5655,
58.1784

 16.6612, 8.7644,
2.7326

 51.6624, 61.3315,
68.1507

 16.3580, 8.4087,
1.8589

 57.9460, 71.0365,
79.0688

 64.8369, 81.7072,
90.9570

 69.0087, 86.6850,
102.7244

Harmonies

Analogous

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



25.4635, 21.7895, 28.8321



25.7409, 21.7895, 21.5880



24.5902, 21.7895, 16.1242

Triad

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



25.7409, 21.7895, 21.5880



17.8510, 21.7895, 14.7109



19.0860, 21.7895, 38.8076

Complementary

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



25.7409, 21.7895, 21.5880



27.2010, 34.0864, 37.9482

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.



17.2616, 21.7895, 33.4030



25.7409, 21.7895, 21.5880



16.5887, 21.7895, 19.2598

Square

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



25.7409, 21.7895, 21.5880



19.9500, 21.7895, 12.7050



16.3819, 21.7895, 25.9987



21.4896, 21.7895, 39.7731

Rectangle

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



25.7409, 21.7895, 21.5880



23.2177, 21.7895, 13.8680



16.3819, 21.7895, 25.9987



18.3902, 21.7895, 37.4052

Sweetspot

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



25.7415, 21.7905, 21.5884



59.8996, 59.4256, 63.5863



27.3840, 22.2338, 39.8942



12.8519, 12.6432, 13.4884



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.



25.7415, 21.7905, 21.5884



43.1446, 34.2330, 32.3602



27.4377, 26.0432, 19.5016



7.5802, 7.5619, 8.1067



12.3663, 6.3552, 1.4745



0.3153, 0.1604, 0.1119

Inverse Universe

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



25.7415, 21.7905, 21.5884



43.1446, 34.2330, 32.3602



24.9145, 28.2181, 41.1794



7.5802, 7.5619, 8.1067



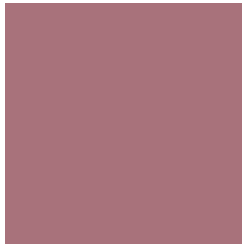
12.3663, 6.3552, 1.4745



0.3153, 0.1604, 0.1119

Previews

White Background



This preview shows how the XYZ color 25.7409, 21.7895, 21.5880 looks on a white background.

Color Contrast Check

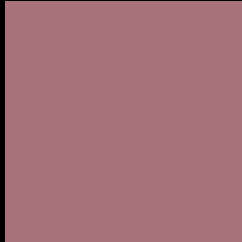
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7409, 21.7895, 21.5880 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 25.7409, 21.7895, 21.5880

Background



This preview shows how black text looks on a background with the XYZ color 25.7409, 21.7895, 21.5880.



This preview shows how white text looks on a background with the XYZ color 25.7409, 21.7895,

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

25.7409, 21.7895, 21.5880

Protanopia

21.1760, 21.9023, 24.5842

Deuteranopia

22.1604, 21.7251, 21.1145



Tritanopia

25.7409, 21.7895, 21.5880

Trichromacy



Original Color

25.7409, 21.7895, 21.5880

Protanomaly

22.4808, 21.6537, 23.4168

Deuteranomaly

23.3662, 21.6104, 21.3520

Tritanomaly

25.7409, 21.7895, 21.5880

Monochromacy



Original Color

25.7409, 21.7895, 21.5880

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 25.7409, 21.7895, 21.5880 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(168, 114, 123)` looks like.

```
.text, #text, p{  
    color:rgb(168, 114, 123)  
}
```

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(168, 114, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 114, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.7409, 21.7895, 21.5880 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(168, 114, 123) }
```


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

```
.border{ border-color:rgb(168, 114, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 114, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 114, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 114, 123);  
box-shadow:4px 4px 4px 4px rgb(168, 114,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7409, 21.7895, 21.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 114, 123) }
```

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

```
.background{ background-color: rgb(168,  
114, 123) }
```

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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