

Converting Colors

XYZ(25.6868, 22.3370, 22.2290)

Have a look what the booklet for
XYZ(25.6868, 22.3370, 22.2290)
contains.

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Color

**XYZ(25.5800, 22.2026,
22.3393)**

Conversions

Conversions Part 1

Format	Color
Hex	A5757D
RGB	165, 117, 125
RGB Percent	65%, 46%, 49%
CMY	0.3529, 0.5412, 0.5098
CMYK	0.00, 0.29, 0.24, 0.35
HSL	350°, 21%, 55%
HSV	350°, 29%, 65%
XYZ	25.5800, 22.2026, 22.3393
YIQ	132.2640, 26.0400, 12.6640

Conversions

Conversions Part 2

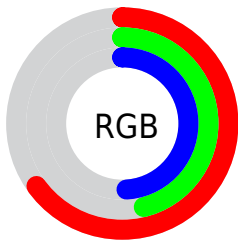
Format	Color
R_{YB}	165, 117, 125
Decimal	10843517
CIE _{Lab}	54.24, 20.05, 3.15
CIE _{LCh}	54, 20.299, 8.916
Yxy	22.2026, 0.3648, 0.3166
Android (android.graphics.Color)	4289033597 (0xFFA5757D)
YUV	132.2640, -3.5812, 28.7095
Hunter-Lab	47.1196, 14.4436, 4.8745

Details

The XYZ color **25.5800, 22.2026, 22.3393** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.8780, 33.1270, 36.8776**, and the grayscale version is **22.0339, 23.1814, 25.2445**.

A 20% lighter version of the original color is **52.0426, 46.9624, 48.4412**, and **10.0537, 8.1008, 7.8712** is the 20% darker color. If you saturate the color by 10%, you get **23.0058, 18.3640, 17.4432**, and if you desaturate by 10%, it is **28.6159, 26.7697, 27.9899**.

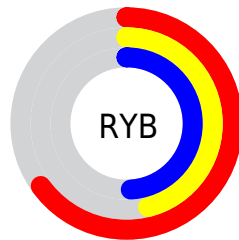
Distribution



Red (65%)

Green (46%)

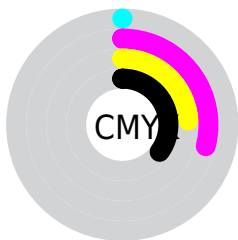
Blue (49%)



Red (65%)

Yellow (46%)

Blue (49%)

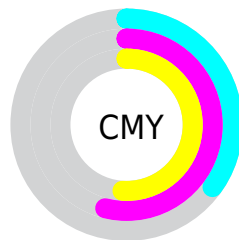


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (35%)



Cyan (35%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5800, 22.2026, 22.3393 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 25.5800, 22.2026, 22.3393 by changing the saturation by 10% instead.

■ 25.5800, 22.2026,
22.3393

■ 25.5800, 22.2026,
22.3393

273.0089,
263.6025, 277.3242

■ 16.6407, 14.0058,
13.9057

■ 52.0327, 47.0806,
48.2155

■ 10.0724, 8.1247,
7.9171

■ 70.2769, 64.5307,
66.4952

■ 5.5096, 4.1749,
3.9550

■ 92.3535, 85.8340,
88.8941

■ 2.5871, 1.7719,
1.6007

118.6277,
111.3748, 115.8306

■ 0.9394, 0.4695,
0.2913

149.4650,
141.5378, 147.7233

■ 0.0000, 0.0000,
0.0000

185.2307,

176.7071, 184.9908

226.2902,
217.2672, 228.0516

■ 25.5800, 22.2026,
22.3393

■ 25.5800, 22.2026,
22.3393

■ 23.0058, 18.3640,
17.4432

■ 28.6159, 26.7697,
27.9899

■ 20.8688, 15.2131,
13.2680

■ 32.1329, 32.0970,
34.4239

■ 19.1447, 12.7100,
9.7800


■ 36.1514, 38.2181,
41.6700


■ 17.8065, 10.8095,
6.9417


■ 40.6902, 45.1636,
49.7555


■ 16.8235, 9.4604,
4.7123


■ 45.7670, 52.9628,
58.7060


 16.1603, 8.6028,
3.0459


 51.3987, 61.6432,
68.5463

 15.7520, 8.1195,
1.8828

 57.6015, 71.2313,
79.3001

 15.7206, 8.0808,
1.7980

 64.3909, 81.7522,
90.9901

 68.3386, 86.3439,
102.4907

Harmonies

Analogous

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



25.3162, 22.2026, 28.8167



25.5800, 22.2026, 22.3393



24.5807, 22.2026, 17.3145

Triad

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



25.5800, 22.2026, 22.3393



18.5473, 22.2026, 15.8966



19.6126, 22.2026, 37.3834

Complementary

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



25.5800, 22.2026, 22.3393



26.8780, 33.1270, 36.8776

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.



17.9697, 22.2026, 32.6433



25.5800, 22.2026, 22.3393



17.3851, 22.2026, 20.0603

Square

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



25.5800, 22.2026, 22.3393



20.4519, 22.2026, 14.0446



17.1813, 22.2026, 26.1083



21.7676, 22.2026, 38.2822

Rectangle

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



25.5800, 22.2026, 22.3393



23.3710, 22.2026, 15.1872



17.1813, 22.2026, 26.1083



18.9865, 22.2026, 36.1513

Sweetspot

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



25.5806, 22.2036, 22.3398



57.4961, 57.4049, 61.5569



27.0582, 22.6084, 38.5352



12.3673, 12.2423, 13.0895



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.5806, 22.2036, 22.3398



42.7005, 35.1160, 34.1133



27.1162, 26.0597, 20.4318



7.1197, 7.1043, 7.6167



11.9060, 6.1184, 1.4294



0.2630, 0.1337, 0.0973

Inverse Universe

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



25.5806, 22.2036, 22.3398



42.7005, 35.1160, 34.1133



24.8760, 27.9942, 39.6898



7.1197, 7.1043, 7.6167



11.9060, 6.1184, 1.4294



0.2630, 0.1337, 0.0973

Previews

White Background



This preview shows how the XYZ color 25.5800, 22.2026, 22.3393 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 25.5800, 22.2026, 22.3393 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 25.5800, 22.2026, 22.3393

Background



This preview shows how black text looks on a background with the XYZ color 25.5800, 22.2026, 22.3393.



This preview shows how white text looks on a background with the XYZ color 25.5800, 22.2026,

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

[25.5800, 22.2026, 22.3393](#)

Protanopia

[21.5308, 22.2720, 24.9939](#)

Deuteranopia

[22.7131, 22.3715, 21.8599](#)



Tritanopia

25.6442, 22.2283, 22.6776

Trichromacy



Original Color

25.5800, 22.2026, 22.3393

Protanomaly

22.7977, 22.1815, 23.8488

Deuteranomaly

23.6699, 22.2966, 22.1249

Tritanomaly

25.6442, 22.2283, 22.6776

Monochromacy



Original Color

25.5800, 22.2026, 22.3393

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0534, 22.6930, 23.9340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5800, 22.2026, 22.3393 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(165, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(165, 117, 125)  
}
```

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(165, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 117, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.5800, 22.2026, 22.3393 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(165, 117, 125) }
```


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

```
.border{ border-color:rgb(165, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(165, 117,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5800, 22.2026, 22.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 117, 125) }
```

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

```
.background{ background-color: rgb(165,  
117, 125) }
```

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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