

Converting Colors

XYZ(29.0697, 25.8389, 22.1994)

Have a look what the booklet for
XYZ(29.0697, 25.8389, 22.1994)
contains.

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Color

**XYZ(29.0690, 25.8389,
22.1942)**

Conversions

Conversions Part 1

Format	Color
Hex	B07F7B
RGB	176, 127, 123
RGB Percent	69%, 50%, 48%
CMY	0.3098, 0.5019, 0.5176
CMYK	0.00, 0.28, 0.30, 0.31
HSL	5°, 25%, 59%
HSV	5°, 30%, 69%
XYZ	29.0690, 25.8389, 22.1942
YIQ	141.1950, 30.4880, 9.1440

Conversions

Conversions Part 2

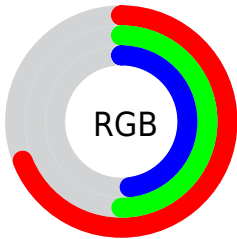
Format	Color
R_{YB}	176, 127, 123
Decimal	11566971
CIE _{Lab}	57.88, 18.41, 9.68
CIE _{LCh}	58, 20.800, 27.742
Yxy	25.8389, 0.3770, 0.3351
Android (android.graphics.Color)	4289757051 (0xFFB07F7B)
YUV	141.1950, -8.9701, 30.5240
Hunter-Lab	50.8320, 13.1218, 9.6953

Details

The XYZ color **29.0690, 25.8389, 22.1942** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.7569, 36.8494, 46.5659**, and the grayscale version is **25.4202, 26.7441, 29.1243**.

A 20% lighter version of the original color is **57.6634, 53.0613, 47.7601**, and **11.9865, 10.0808, 7.7926** is the 20% darker color. If you saturate the color by 10%, you get **26.1304, 21.5692, 16.2590**, and if you desaturate by 10%, it is **32.5464, 30.8690, 29.2869**.

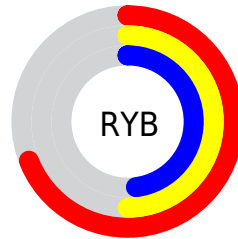
Distribution



Red (69%)

Green (50%)

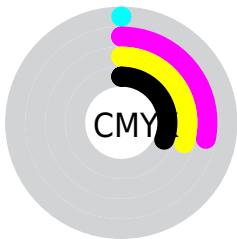
Blue (48%)



Red (69%)

Yellow (50%)

Blue (48%)

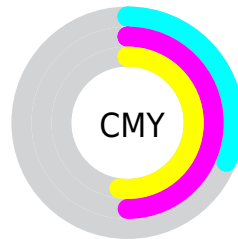


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (31%)



Cyan (31%)


Magenta (50%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0690, 25.8389, 22.1942 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 29.0690, 25.8389, 22.1942 by changing the saturation by 10% instead.


 29.0690, 25.8389,
22.1942


 29.0690, 25.8389,
22.1942


289.5287,
281.9904, 276.5453


 19.2776, 16.7032,
13.8000


 57.5835, 53.0149,
47.9731

 11.9762, 10.0231,
7.8445


 77.0373, 71.8240,
66.1948

 6.7996, 5.4143,
3.9093


 100.4425, 94.6263,
88.5294

 3.3823, 2.4923,
1.5757

128.1647,
121.8063, 115.3955

 1.3590, 0.8728,
0.2734

160.5690,
153.7483, 147.2116

 0.2267, 0.0000,
0.0000

198.0209,

 0.0000, 0.0000,

190.8367, 184.3962

0.0000

240.8856,
233.4559, 227.3680

■ 29.0690, 25.8389,
22.1942

■ 29.0690, 25.8389,
22.1942

■ 26.1304, 21.5692,
16.2590

■ 32.5464, 30.8690,
29.2869

■ 23.7018, 18.0195,
11.4182

■ 36.5856, 36.6900,
37.5922

■ 21.7545, 15.1511,
7.6055


■ 41.2106, 43.3354,
47.1637


■ 20.2564, 12.9203,
4.7465


■ 46.4436, 50.8356,
58.0514


■ 19.1714, 11.2784,
2.7567


■ 52.3056, 59.2194,
70.3024

 18.4576, 10.1694,
1.5370

 58.8164, 68.5143,
83.9616

 18.0522, 9.5256,
0.8872

 65.9951, 78.7466,
99.0720

 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



29.6881, 25.8389, 28.6806



29.0690, 25.8389, 22.1942



27.2180, 25.8389, 18.0149

Triad

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



29.0690, 25.8389, 22.1942



20.7103, 25.8389, 21.4010



24.3700, 25.8389, 44.2740

Complementary

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



29.0690, 25.8389, 22.1942



30.7569, 36.8494, 46.5659

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.



22.0792, 25.8389, 41.4719



29.0690, 25.8389, 22.1942



20.0577, 25.8389, 27.5947

Square

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



29.0690, 25.8389, 22.1942



22.3865, 25.8389, 17.6146



20.5416, 25.8389, 35.0493



26.8679, 25.8389, 42.1791

Rectangle

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



29.0690, 25.8389, 22.1942



25.5950, 25.8389, 16.7014



20.5416, 25.8389, 35.0493



23.5515, 25.8389, 43.8647

Sweetspot

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



29.0697, 25.8401, 22.1947



67.1091, 67.6297, 69.7378



32.4789, 26.3928, 42.6477



14.3003, 14.3064, 14.6112



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.0697, 25.8401, 22.1947



49.1410, 41.6653, 33.0066



32.8765, 33.4537, 23.4637



8.5462, 8.6050, 8.8630



13.2630, 7.0246, 0.6569



0.4342, 0.2549, 0.0263

Inverse Universe

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



30.7569, 36.8494, 46.5659



52.6808, 64.7909, 84.2246



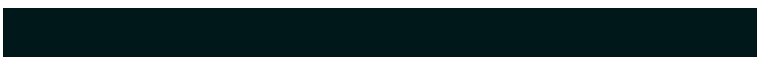
26.2788, 27.8933, 45.0732



8.6866, 9.5195, 10.8859



15.3400, 21.4804, 33.4746



0.4988, 0.7082, 1.0586

Previews

White Background



This preview shows how the XYZ color 29.0690, 25.8389, 22.1942 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 29.0690, 25.8389, 22.1942 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 29.0690, 25.8389, 22.1942

Background



This preview shows how black text looks on a background with the XYZ color 29.0690, 25.8389, 22.1942.



This preview shows how white text looks on a background with the XYZ color 29.0690, 25.8389,

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

29.0690, 25.8389, 22.1942

Protanopia

24.6967, 25.9795, 24.4818

Deuteranopia

26.3360, 25.8263, 22.0093



Tritanopia

29.8383, 25.7636, 26.3219

Trichromacy



Original Color

29.0690, 25.8389, 22.1942

Protanomaly

26.2050, 25.9282, 23.7022

Deuteranomaly

27.1462, 25.6371, 21.9300

Tritanomaly

29.6891, 25.9075, 24.9086

Monochromacy



Original Color

29.0690, 25.8389, 22.1942

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.4337, 26.1996, 26.2181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0690, 25.8389, 22.1942 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(176, 127, 123)` looks like.

```
.text, #text, p{  
    color:rgb(176, 127, 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(176, 127, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 127, 123) }
```

Border

The CSS property to change the border of an element to XYZ 29.0690, 25.8389, 22.1942 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(176, 127, 123) }
```


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

```
.border{ border-color:rgb(176, 127, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 127, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 127, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 127, 123);  
box-shadow:4px 4px 4px 4px rgb(176, 127,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0690, 25.8389, 22.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 127, 123) }
```

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

```
.background{ background-color: rgb(176,  
127, 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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