

Converting Colors

XYZ(30.0967, 25.8966, 25.9208)

Have a look what the booklet for
XYZ(30.0967, 25.8966, 25.9208)
contains.

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Color

**XYZ(30.2271, 25.9722,
25.9742)**

Conversions

Conversions Part 1

Format	Color
Hex	B37D86
RGB	179, 125, 134
RGB Percent	70%, 49%, 53%
CMY	0.2980, 0.5098, 0.4745
CMYK	0.00, 0.30, 0.25, 0.30
HSL	350°, 26%, 60%
HSV	350°, 30%, 70%
XYZ	30.2271, 25.9722, 25.9742
YIQ	142.1720, 29.2950, 14.2470

Conversions

Conversions Part 2

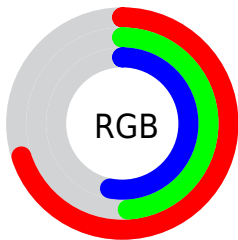
Format	Color
R_{YB}	179, 125, 134
Decimal	11763078
CIE _{Lab}	58.01, 22.28, 3.57
CIE _{LCh}	58, 22.561, 9.094
Yxy	25.9722, 0.3678, 0.3161
Android (android.graphics.Color)	4289953158 (0xFFB37D86)
YUV	142.1720, -4.0288, 32.2982
Hunter-Lab	50.9629, 16.6867, 5.4558

Details

The XYZ color **30.2271, 25.9722, 25.9742** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.8344, 39.5031, 43.9793**, and the grayscale version is **25.7872, 27.1301, 29.5447**.

A 20% lighter version of the original color is **59.4821, 53.2615, 54.1592**, and **12.6132, 10.0480, 9.8690** is the 20% darker color. If you saturate the color by 10%, you get **27.1939, 21.4549, 20.1868**, and if you desaturate by 10%, it is **33.8169, 31.3674, 32.6718**.

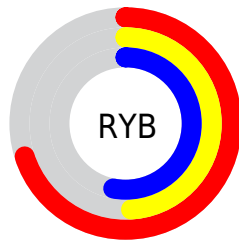
Distribution



Red (70%)

Green (49%)

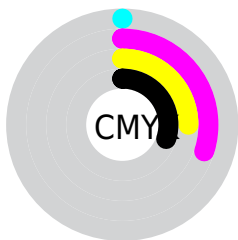
Blue (53%)



Red (70%)

Yellow (49%)

Blue (53%)

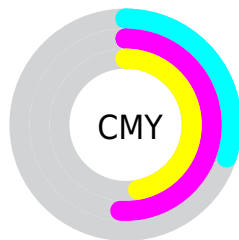


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (30%)



Cyan (30%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2271, 25.9722, 25.9742 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 30.2271, 25.9722, 25.9742 by changing the saturation by 10% instead.


 30.2271, 25.9722,
25.9742


 30.2271, 25.9722,
25.9742


294.8525,
282.6456, 296.2569


 20.1600, 16.8028,
16.5787


 59.4053, 53.2301,
54.2169

 12.6203, 10.0940,
9.7758


 79.2471, 72.0874,
73.9012

 7.2428, 5.4613,
5.1469


 103.0778, 94.9429,
97.8522

 3.6621, 2.5204,
2.2735

131.2627,
122.1808, 126.4885

 1.5128, 0.8868,
0.7163

164.1673,
154.1857, 160.2286

 0.3345, 0.0000,
0.0000

202.1569,

 0.0000, 0.0000,

191.3418, 199.4910

0.0000

245.5968,
234.0337, 244.6942

■ 30.2271, 25.9722,
25.9742

■ 30.2271, 25.9722,
25.9742

■ 27.1939, 21.4549,
20.1868

■ 33.8169, 31.3674,
32.6718

■ 24.6870, 17.7654,
15.2687

■ 37.9873, 37.6797,
40.3153

■ 22.6767, 14.8545,
11.1778


■ 42.7633, 44.9505,
48.9400


■ 21.1293, 12.6659,
7.8681


■ 48.1679, 53.2173,
58.5791


■ 20.0066, 11.1358,
5.2889

■ 54.2229, 62.5160,
69.2645

 19.2644, 10.1892,
3.3832

 60.9490, 72.8803,
81.0261

 18.8226, 9.6766,
2.0922

 68.3661, 84.3427,
93.8932

 72.1348, 88.2175,
106.4409

 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



29.9089, 25.9722, 33.9767



30.2271, 25.9722, 25.9742



28.9780, 25.9722, 19.8359

Triad

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



30.2271, 25.9722, 25.9742



21.5281, 25.9722, 18.1620



22.8636, 25.9722, 44.7336

Complementary

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



30.2271, 25.9722, 25.9742



31.8344, 39.5031, 43.9793

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.



20.8399, 25.9722, 38.8320



30.2271, 25.9722, 25.9742



20.1092, 25.9722, 23.2573

Square

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



30.2271, 25.9722, 25.9742



23.8672, 25.9722, 15.9032



19.8668, 25.9722, 30.7169



25.5229, 25.9722, 45.8271

Rectangle

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



30.2271, 25.9722, 25.9742



27.4749, 25.9722, 17.2629



19.8668, 25.9722, 30.7169



22.0921, 25.9722, 43.2006

Sweetspot

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



30.2278, 25.9734, 25.9747



68.8505, 68.7230, 73.6871



32.0487, 26.4693, 46.0679



14.9969, 14.8355, 15.8583



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.2278, 25.9734, 25.9747



50.5252, 41.1289, 39.6589



32.1154, 30.7104, 23.6387



8.5522, 8.5276, 9.1404



13.3177, 6.8446, 1.5669



0.4366, 0.2224, 0.1419

Inverse Universe

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



30.2278, 25.9734, 25.9747



50.5252, 41.1289, 39.6589



29.3400, 33.1054, 47.4916



8.5522, 8.5276, 9.1404



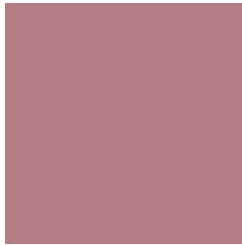
13.3177, 6.8446, 1.5669



0.4366, 0.2224, 0.1419

Previews

White Background



This preview shows how the XYZ color 30.2271, 25.9722, 25.9742 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 30.2271, 25.9722, 25.9742 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 30.2271, 25.9722, 25.9742

Background



This preview shows how black text looks on a background with the XYZ color 30.2271, 25.9722, 25.9742.



This preview shows how white text looks on a background with the XYZ color 30.2271, 25.9722,

25.9742.

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

30.2271, 25.9722, 25.9742

Protanopia

25.2704, 26.1690, 29.3104

Deuteranopia

26.5391, 26.0618, 25.4615



Tritanopia

30.2271, 25.9722, 25.9742

Trichromacy



Original Color

30.2271, 25.9722, 25.9742

Protanomaly

26.7029, 25.8828, 28.0146

Deuteranomaly

27.6598, 25.8186, 25.7160

Tritanomaly

30.2271, 25.9722, 25.9742

Monochromacy



Original Color

30.2271, 25.9722, 25.9742

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.9819, 26.4410, 28.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2271, 25.9722, 25.9742 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(179, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(179, 125, 134)  
}
```

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(179, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 125, 134) }
```

Border

The CSS property to change the border of an element to XYZ 30.2271, 25.9722, 25.9742 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(179, 125, 134) }
```


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

```
.border{ border-color:rgb(179, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(179, 125,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2271, 25.9722, 25.9742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 125, 134) }
```

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

```
.background{ background-color: rgb(179,  
125, 134) }
```

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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