

Converting Colors

XYZ(30.0504, 25.2516, 29.2783)

Have a look what the booklet for
XYZ(30.0504, 25.2516, 29.2783)
contains.

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Color

**XYZ(30.0489, 25.2493,
29.2765)**

Conversions

Conversions Part 1

Format	Color
Hex	B17A8F
RGB	177, 122, 143
RGB Percent	69%, 48%, 56%
CMY	0.3059, 0.5216, 0.4392
CMYK	0.00, 0.31, 0.19, 0.31
HSL	337°, 26%, 59%
HSV	337°, 31%, 69%
XYZ	30.0489, 25.2493, 29.2765
YIQ	140.8390, 26.0390, 18.1910

Conversions

Conversions Part 2

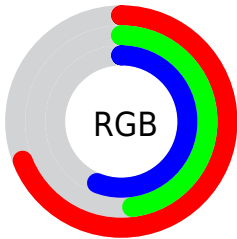
Format	Color
R_{YB}	177, 122, 143
Decimal	11631247
CIE _{Lab}	57.32, 24.59, -2.68
CIE _{LCh}	57, 24.739, 353.786
Yxy	25.2493, 0.3553, 0.2985
Android (android.graphics.Color)	4289821327 (0xFFB17A8F)
YUV	140.8390, 1.0654, 31.7132
Hunter-Lab	50.2487, 18.8085, 0.6298

Details

The XYZ color **30.0489, 25.2493, 29.2765** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7499, 37.9828, 37.2176**, and the grayscale version is **25.2438, 26.5584, 28.9221**.

A 20% lighter version of the original color is **59.0123, 52.0148, 59.7529**, and **12.4615, 9.6360, 11.5591** is the 20% darker color. If you saturate the color by 10%, you get **27.2814, 20.9767, 24.4618**, and if you desaturate by 10%, it is **33.2945, 30.3482, 34.6501**.

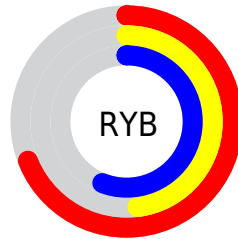
Distribution



Red (69%)

Green (48%)

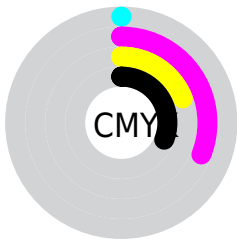
Blue (56%)



Red (69%)

Yellow (48%)

Blue (56%)

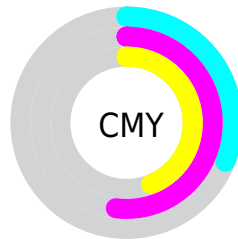


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0489, 25.2493, 29.2765 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 30.0489, 25.2493, 29.2765 by changing the saturation by 10% instead.

 30.0489, 25.2493,
29.2765


 30.0489, 25.2493,
29.2765


294.0381,
279.0772, 312.6190


 20.0240, 16.2629,
19.0427

 59.1256, 52.0614,
59.5635

 12.5208, 9.7104,
11.5240


 78.9081, 70.6558,
80.4538

 7.1741, 5.2074,
6.3019


 102.6738, 93.2217,
105.7334

 3.6185, 2.3694,
2.9578

130.7880,
120.1435, 135.8208

 1.4887, 0.8101,
1.0731

163.6163,
151.8056, 171.1345

 0.3181, 0.0000,
0.0000

201.5238,

 0.0000, 0.0000,

188.5923, 212.0930

0.0000

244.8759,
230.8880, 259.1150

■ 30.0489, 25.2493,
29.2765

■ 30.0489, 25.2493,
29.2765

■ 27.2814, 20.9767,
24.4618

■ 33.2945, 30.3482,
34.6501

■ 24.9661, 17.4830,
20.1852

■ 37.0382, 36.3106,
40.5994

■ 23.0777, 14.7212,
16.4266


■ 41.3013, 43.1755,
47.1422


■ 21.5875, 12.6380,
13.1640


■ 46.1034, 50.9787,
54.2951


■ 20.4630, 11.1724,
10.3733


■ 51.4629, 59.7538,
62.0740


 19.6658, 10.2527,
8.0279

 57.3973, 69.5330,
70.4943

 19.1621, 9.7594,
6.2750

 63.9234, 80.3467,
79.5707

 68.2505, 86.6108,
88.3818

 69.8410, 87.2469,
96.7571

Harmonies

Analogous

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



28.8392, 25.2493, 38.1733



30.0489, 25.2493, 29.2765



29.5342, 25.2493, 21.4824

Triad

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



30.0489, 25.2493, 29.2765



21.7966, 25.2493, 15.2094



20.8206, 25.2493, 42.6796

Complementary

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



30.0489, 25.2493, 29.2765



29.7499, 37.9828, 37.2176

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.



19.2021, 25.2493, 34.5297



30.0489, 25.2493, 29.2765



19.7326, 25.2493, 19.0162

Square

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



30.0489, 25.2493, 29.2765



24.6139, 25.2493, 14.3654



18.8206, 25.2493, 25.7819



23.3938, 25.2493, 46.8627

Rectangle

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



30.0489, 25.2493, 29.2765



28.3017, 25.2493, 17.7673



18.8206, 25.2493, 25.7819



20.1556, 25.2493, 40.2421

Sweetspot

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



30.0496, 25.2505, 29.2770



67.7247, 67.2610, 74.8754



28.5905, 24.1542, 44.7506



14.4523, 14.2161, 15.8775



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.



30.0496, 25.2505, 29.2770



50.4712, 40.0391, 46.6654



29.4188, 26.3007, 21.9397



8.6261, 8.5572, 9.5297



13.9111, 7.0820, 4.6921



0.4667, 0.2344, 0.3002

Inverse Universe

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



30.0496, 25.2505, 29.2770



50.4712, 40.0391, 46.6654



30.4470, 36.2812, 46.9935



8.6261, 8.5572, 9.5297



13.9111, 7.0820, 4.6921



0.4667, 0.2344, 0.3002

Previews

White Background



This preview shows how the XYZ color 30.0489, 25.2493, 29.2765 looks on a white background.

Color Contrast Check

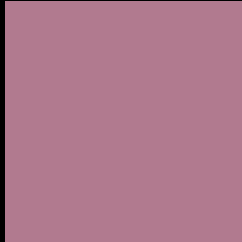
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0489, 25.2493, 29.2765 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 30.0489, 25.2493, 29.2765

Background



This preview shows how black text looks on a background with the XYZ color 30.0489, 25.2493, 29.2765.



This preview shows how white text looks on a background with the XYZ color 30.0489, 25.2493,

29.2765.

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

30.0489, 25.2493, 29.2765

Protanopia

24.7665, 25.3926, 33.3017

Deuteranopia

25.9105, 25.4573, 28.7474



Tritanopia

29.3458, 25.3389, 25.5345

Trichromacy



Original Color

30.0489, 25.2493, 29.2765

Protanomaly

26.4386, 25.2518, 31.9144

Deuteranomaly

27.3623, 25.3918, 29.0502

Tritanomaly

29.5028, 25.2022, 26.9764

Monochromacy



Original Color

30.0489, 25.2493, 29.2765

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.7340, 25.8732, 29.1762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0489, 25.2493, 29.2765 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(177, 122, 143)` looks like.

```
.text, #text, p{  
    color:rgb(177, 122, 143)  
}
```

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(177, 122, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 122, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.0489, 25.2493, 29.2765 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(177, 122, 143) }
```


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

```
.border{ border-color:rgb(177, 122, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 122, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 122, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 122, 143);  
box-shadow:4px 4px 4px 4px rgb(177, 122,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0489, 25.2493, 29.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 122, 143) }
```

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

```
.background{ background-color: rgb(177,  
122, 143) }
```

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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