

Converting Colors

XYZ(29.6183, 24.2584, 30.6914)

Have a look what the booklet for
XYZ(29.6183, 24.2584, 30.6914)
contains.

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Color

**XYZ(29.6494, 24.2936,
30.7302)**

Conversions

Conversions Part 1

Format	Color
Hex	B07693
RGB	176, 118, 147
RGB Percent	69%, 46%, 58%
CMY	0.3098, 0.5372, 0.4235
CMYK	0.00, 0.33, 0.16, 0.31
HSL	330°, 27%, 58%
HSV	330°, 33%, 69%
XYZ	29.6494, 24.2936, 30.7302
YIQ	138.6480, 25.2590, 21.3150

Conversions

Conversions Part 2

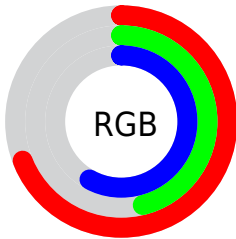
Format	Color
R _Y B	176, 118, 147
Decimal	11564691
CIE Lab	56.38, 27.12, -6.40
CIE LCh	56, 27.860, 346.729
Yxy	24.2936, 0.3502, 0.2869
Android (android.graphics.Color)	4289754771 (0xFFB07693)
YUV	138.6480, 4.1175, 32.7577
Hunter-Lab	49.2885, 21.1213, -2.4639

Details

The XYZ color **29.6494, 24.2936, 30.7302** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.2641, 37.0095, 33.2594**, and the grayscale version is **24.3839, 25.6538, 27.9369**.

A 20% lighter version of the original color is **58.3842, 50.4987, 61.9284**, and **12.2655, 9.2383, 12.2030** is the 20% darker color. If you saturate the color by 10%, you get **27.1026, 20.2631, 26.6035**, and if you desaturate by 10%, it is **32.6371, 29.1209, 35.2651**.

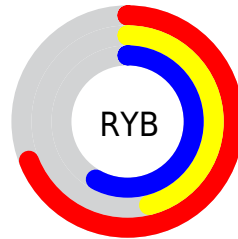
Distribution



Red (69%)

Green (46%)

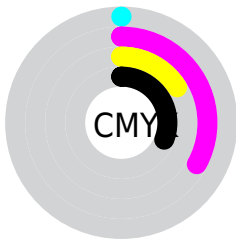
Blue (58%)



Red (69%)

Yellow (46%)

Blue (58%)

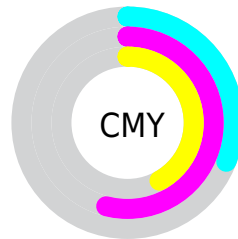


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6494, 24.2936, 30.7302 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 29.6494, 24.2936, 30.7302 by changing the saturation by 10% instead.

■ 29.6494, 24.2936,
30.7302

■ 29.6494, 24.2936,
30.7302

292.2060,
274.3015, 319.6060

■ 19.7194, 15.5516,
20.1367

■ 58.4977, 50.5089,
61.8896

■ 12.2983, 9.2074,
12.3094

■ 78.1467, 68.7509,
83.2927

■ 7.0208, 4.8767,
6.8297

■ 101.7661, 90.9284,
109.1361

■ 3.5216, 2.1751,
3.2790

129.7212,
117.4258, 139.8382

■ 1.4352, 0.7064,
1.2388

162.3774,
148.6273, 175.8178

■ 0.2811, 0.0000,
0.0108

200.1000,

■ 0.0000, 0.0000,

184.9176, 217.4932

0.0000

243.2545,
226.6808, 265.2831

■ 29.6494, 24.2936,
30.7302

■ 29.6494, 24.2936,
30.7302

■ 27.1026, 20.2631,
26.6035

■ 32.6371, 29.1209,
35.2651

■ 24.9720, 16.9824,
22.8702

■ 36.0847, 34.7818,
40.2193

■ 23.2333, 14.4049,
19.5164


■ 40.0125, 41.3150,
45.6054


■ 21.8589, 12.4772,
16.5267

■ 44.4389, 48.7556,
51.4347


■ 20.8171, 11.1382,
13.8841


■ 49.3815, 57.1369,
57.7181


 20.0703, 10.3147,
11.5693

 54.8566, 66.4903,
64.4663

 19.6659, 9.9347,
10.1125

 60.8803, 76.8461,
71.6894

 66.2418, 85.7810,
78.9885

 67.4204, 86.2525,
85.1947

Harmonies

Analogous

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



27.8936, 24.2936, 40.5477



29.6494, 24.2936, 30.7302



29.5354, 24.2936, 21.6728

Triad

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



29.6494, 24.2936, 30.7302



21.3551, 24.2936, 12.8545



19.1045, 24.2936, 41.5612

Complementary

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



29.6494, 24.2936, 30.7302



28.2641, 37.0095, 33.2594

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.



17.6585, 24.2936, 31.8858



29.6494, 24.2936, 30.7302



18.8728, 24.2936, 16.0719

Square

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



29.6494, 24.2936, 30.7302



24.5396, 24.2936, 12.6842



17.5778, 24.2936, 22.5898



21.6993, 24.2936, 47.7121

Rectangle

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



29.6494, 24.2936, 30.7302



28.4114, 24.2936, 17.2085



17.5778, 24.2936, 22.5898



18.4790, 24.2936, 38.5237

Sweetspot

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



29.6501, 24.2947, 30.7307



67.3349, 66.2115, 75.5775



26.3486, 22.2958, 43.9894



14.3887, 14.0112, 16.0957



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.



29.6501, 24.2947, 30.7307



50.1279, 38.2752, 49.8721



27.6539, 23.4962, 20.2187



8.6676, 8.5738, 9.7481



14.4587, 7.3010, 7.5753



0.4844, 0.2415, 0.3934

Inverse Universe

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



29.6501, 24.2947, 30.7307



50.1279, 38.2752, 49.8721



30.8338, 38.0374, 46.7914



8.6676, 8.5738, 9.7481



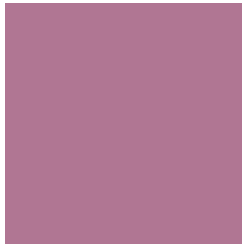
14.4587, 7.3010, 7.5753



0.4844, 0.2415, 0.3934

Previews

White Background



This preview shows how the XYZ color 29.6494, 24.2936, 30.7302 looks on a white background.

Color Contrast Check

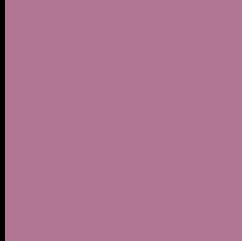
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6494, 24.2936, 30.7302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

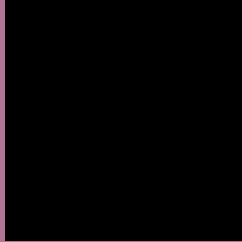
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6494, 24.2936, 30.7302

Background



This preview shows how black text looks on a background with the XYZ color 29.6494, 24.2936, 30.7302.



This preview shows how white text looks on a background with the XYZ color 29.6494, 24.2936,

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

29.6494, 24.2936, 30.7302

Protanopia

23.9710, 24.3098, 35.3271

Deuteranopia

25.0392, 24.5666, 30.2102



Tritanopia

28.3222, 24.2851, 24.3138

Trichromacy



Original Color

29.6494, 24.2936, 30.7302

Protanomaly

25.5016, 23.9413, 33.4140

Deuteranomaly

26.4880, 24.3220, 30.4927

Tritanomaly

28.8396, 24.3245, 26.4676

Monochromacy



Original Color

29.6494, 24.2936, 30.7302

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.9477, 24.8610, 29.0222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6494, 24.2936, 30.7302 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, 118, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 118, 147)  
}
```

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, 118, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 118, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.6494, 24.2936, 30.7302 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, 118, 147) }
```


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

```
.border{ border-color:rgb(176, 118, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 118, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 118, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 118, 147); box-shadow:4px 4px 4px 4px rgb(176, 118, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6494, 24.2936, 30.7302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 118, 147) }
```

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

```
.background{ background-color: rgb(176,  
118, 147) }
```

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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