

Converting Colors

XYZ(29.6789, 24.8989, 29.4380)

Have a look what the booklet for
XYZ(29.6789, 24.8989, 29.4380)
contains.

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Color

**XYZ(29.7759, 24.9185,
29.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	B07990
RGB	176, 121, 144
RGB Percent	69%, 47%, 56%
CMY	0.3098, 0.5255, 0.4353
CMYK	0.00, 0.31, 0.18, 0.31
HSL	335°, 26%, 58%
HSV	335°, 31%, 69%
XYZ	29.7759, 24.9185, 29.6259
YIQ	140.0670, 25.3970, 18.8130

Conversions

Conversions Part 2

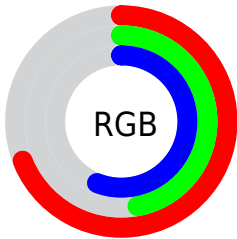
Format	Color
R_{YB}	176, 121, 144
Decimal	11565456
CIE _{Lab}	57.00, 24.95, -3.74
CIE _{LCh}	57, 25.224, 351.465
Yxy	24.9185, 0.3531, 0.2955
Android (android.graphics.Color)	4289755536 (0xFFB07990)
YUV	140.0670, 1.9390, 31.5132
Hunter-Lab	49.9184, 19.1164, -0.2449

Details

The XYZ color **29.7759, 24.9185, 29.6259** is a light color, and the websafe version is hex **996666**. A complement of this color would be **29.1613, 37.4162, 35.8239**, and the grayscale version is **24.9397, 26.2385, 28.5737**.

A 20% lighter version of the original color is **58.6078, 51.5051, 60.2786**, and **12.2997, 9.4522, 11.7659** is the 20% darker color. If you saturate the color by 10%, you get **27.0815, 20.7259, 25.0397**, and if you desaturate by 10%, it is **32.9329, 29.9222, 34.7172**.

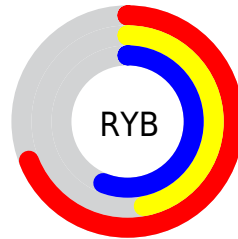
Distribution



Red (69%)

Green (47%)

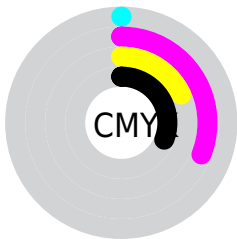
Blue (56%)



Red (69%)

Yellow (47%)

Blue (56%)

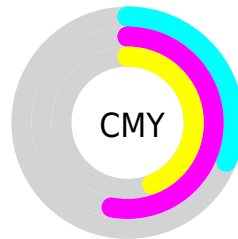


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7759, 24.9185, 29.6259 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 29.7759, 24.9185, 29.6259 by changing the saturation by 10% instead.

 29.7759, 24.9185,
29.6259


 29.7759, 24.9185,
29.6259


292.7871,
277.4318, 314.3096


 19.8158, 16.0163,
19.3052


 58.6967, 51.5250,
60.1241

 12.3687, 9.5357,
11.7120


 78.3880, 69.9981,
81.1386

 7.0693, 5.0922,
6.4277


 102.0538, 92.4303,
106.5547

 3.5522, 2.3015,
3.0339

130.0594,
119.2060, 136.7911

 1.4520, 0.7745,
1.1120

162.7702,
150.7096, 172.2663

 0.2929, 0.0000,
0.0000

200.5515,

 0.0000, 0.0000,

187.3256, 213.3987

0.0000

243.7687,
229.4381, 260.6070

■ 29.7759, 24.9185,
29.6259

■ 29.7759, 24.9185,
29.6259

■ 27.0815, 20.7259,
25.0397

■ 32.9329, 29.9222,
34.7172

■ 24.8245, 17.2977,
20.9402

■ 36.5719, 35.7736,
40.3281

■ 22.9804, 14.5877,
17.3096


■ 40.7136, 42.5111,
46.4745


■ 21.5213, 12.5434,
14.1287


■ 45.3769, 50.1698,
53.1709


■ 20.4154, 11.1048,
11.3763


■ 50.5797, 58.7828,
60.4313


 19.6254, 10.2010,
9.0287

 56.3390, 68.3817,
68.2692

 19.1270, 9.7191,
7.2748

 62.6710, 78.9965,
76.6976

 67.3820, 86.2371,
84.9926

 68.8292, 86.8160,
92.6137

Harmonies

Analogous

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



28.4254, 24.9185, 38.6172



29.7759, 24.9185, 29.6259



29.3908, 24.9185, 21.5894

Triad

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



29.7759, 24.9185, 29.6259



21.6604, 24.9185, 14.6056



20.3098, 24.9185, 41.9983

Complementary

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



29.7759, 24.9185, 29.6259



29.1613, 37.4162, 35.8239

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.



18.7688, 24.9185, 33.5503



29.7759, 24.9185, 29.6259



19.5021, 24.9185, 18.1849

Square

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



29.7759, 24.9185, 29.6259



24.5398, 24.9185, 13.9853



18.4859, 24.9185, 24.7822



22.8489, 24.9185, 46.6740

Rectangle

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



29.7759, 24.9185, 29.6259



28.2144, 24.9185, 17.6999



18.4859, 24.9185, 24.7822



19.6670, 24.9185, 39.4314

Sweetspot

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



29.7766, 24.9197, 29.6264



67.8225, 67.3002, 75.3902



27.6550, 23.5022, 44.1533



14.4765, 14.2258, 16.0049



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.



29.7766, 24.9197, 29.6264



50.7825, 40.1636, 48.3048



28.6481, 25.1948, 21.4438



8.6388, 8.5623, 9.5966



14.0616, 7.1422, 5.4843



0.4718, 0.2365, 0.3272

Inverse Universe

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



29.7766, 24.9197, 29.6264



50.7825, 40.1636, 48.3048



30.5385, 36.8322, 46.5743



8.6388, 8.5623, 9.5966



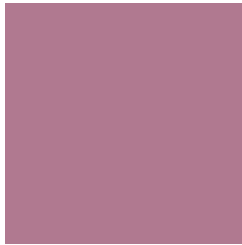
14.0616, 7.1422, 5.4843



0.4718, 0.2365, 0.3272

Previews

White Background



This preview shows how the XYZ color 29.7759, 24.9185, 29.6259 looks on a white background.

Color Contrast Check

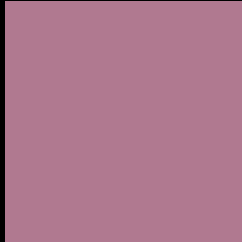
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7759, 24.9185, 29.6259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

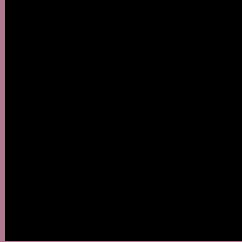
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7759, 24.9185, 29.6259

Background



This preview shows how black text looks on a background with the XYZ color 29.7759, 24.9185, 29.6259.



This preview shows how white text looks on a background with the XYZ color 29.7759, 24.9185,

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

29.7759, 24.9185, 29.6259

Protanopia

24.5456, 25.0591, 33.6802

Deuteranopia

25.4828, 25.0240, 29.0782



Tritanopia

28.9270, 24.9458, 25.1202

Trichromacy



Original Color

29.7759, 24.9185, 29.6259

Protanomaly

26.1990, 24.9186, 32.2831

Deuteranomaly

26.9087, 24.9528, 29.3847

Tritanomaly

29.0827, 24.8106, 26.5487

Monochromacy



Original Color

29.7759, 24.9185, 29.6259

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.3321, 25.4704, 28.7277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7759, 24.9185, 29.6259 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, 121, 144)` looks like.

```
.text, #text, p{  
    color:rgb(176, 121, 144)  
}
```

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, 121, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 121, 144) }
```

Border

The CSS property to change the border of an element to XYZ 29.7759, 24.9185, 29.6259 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, 121, 144) }
```


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

```
.border{ border-color:rgb(176, 121, 144) }
```

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

Here you see how a box with a 4 pixel rgb(176, 121, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 121, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 121, 144);  
box-shadow:4px 4px 4px 4px rgb(176, 121,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7759, 24.9185, 29.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 121, 144) }
```

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

```
.background{ background-color: rgb(176,  
121, 144) }
```

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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