

Converting Colors

XYZ(28.9948, 25.2964, 32.2348)

Have a look what the booklet for
XYZ(28.9948, 25.2964, 32.2348)
contains.

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Color

**XYZ(29.1143, 25.4485,
32.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	A87E96
RGB	168, 126, 150
RGB Percent	66%, 49%, 59%
CMY	0.3412, 0.5059, 0.4118
CMYK	0.00, 0.25, 0.11, 0.34
HSL	326°, 19%, 58%
HSV	326°, 25%, 66%
XYZ	29.1143, 25.4485, 32.2317
YIQ	141.2940, 17.3280, 16.3680

Conversions

Conversions Part 2

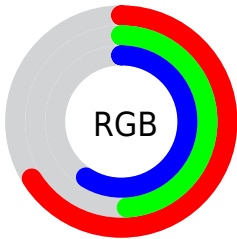
Format	Color
R _Y B	168, 126, 150
Decimal	11042454
CIE Lab	57.51, 20.20, -6.55
CIE LCh	58, 21.232, 342.028
Yxy	25.4485, 0.3354, 0.2932
Android (android.graphics.Color)	4289232534 (0xFFA87E96)
YUV	141.2940, 4.2921, 23.4212
Hunter-Lab	50.4465, 14.7367, -2.5695

Details

The XYZ color **29.1143, 25.4485, 32.2317** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.6419, 34.4552, 31.5807**, and the grayscale version is **25.4123, 26.7357, 29.1152**.

A 20% lighter version of the original color is **57.7597, 52.4471, 64.2058**, and **11.9762, 9.8534, 13.0751** is the 20% darker color. If you saturate the color by 10%, you get **26.5818, 21.2828, 28.6143**, and if you desaturate by 10%, it is **32.0447, 30.3522, 36.1581**.

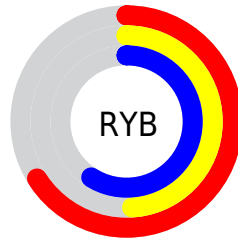
Distribution



Red (66%)

Green (49%)

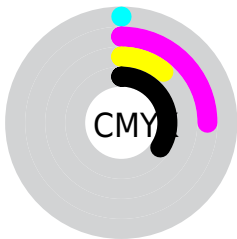
Blue (59%)



Red (66%)

Yellow (49%)

Blue (59%)

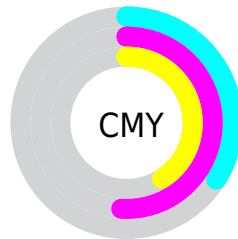


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (34%)



Cyan (34%)


Magenta (51%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1143, 25.4485, 32.2317 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 29.1143, 25.4485, 32.2317 by changing the saturation by 10% instead.


 29.1143, 25.4485,
32.2317


 29.1143, 25.4485,
32.2317


289.7384,
280.0642, 326.6986


 19.3120, 16.4115,
21.2723


 57.6549, 52.3839,
64.2763

 12.0013, 9.8158,
13.1300


 77.1240, 71.0511,
86.1985

 6.8168, 5.2770,
7.3863


 100.5461, 93.6972,
112.6120

 3.3931, 2.4107,
3.6228

128.2864,
120.7065, 143.9354

 1.3649, 0.8314,
1.4208

160.7105,
152.4634, 180.5872

 0.2310, 0.0000,
0.1578

198.1836,

 0.0000, 0.0000,

189.3525, 222.9860

0.0000

241.0711,
231.7579, 271.5503

■ 29.1143, 25.4485,
32.2317

■ 29.1143, 25.4485,
32.2317

■ 26.5818, 21.2828,
28.6143

■ 32.0447, 30.3522,
36.1581

■ 24.4264, 17.8156,
25.2950

■ 35.3881, 36.0243,
40.4008

■ 22.6284, 15.0084,
22.2643

■ 39.1616, 42.4976,
44.9687

■ 21.1659, 12.8180,
19.5116

■ 43.3805, 49.8019,
49.8698

■ 20.0138, 11.1959,
17.0252

■ 48.0596, 57.9655,
55.1118

■ 19.1438, 10.0862,
14.7919

■ 53.2126, 67.0155,
60.7022

■ 18.5206, 9.4196,
12.7966

■ 58.8531, 76.9775,
66.6481

■ 18.2597, 9.1694,
11.8726

■ 63.2453, 84.3796,
72.3737

■ 64.1494, 84.7412,
77.1349

Harmonies

Analogous

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



27.5917, 25.4485, 39.3938



29.1143, 25.4485, 32.2317



29.2622, 25.4485, 24.9072

Triad

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



29.1143, 25.4485, 32.2317



23.1888, 25.4485, 16.1989



20.7530, 25.4485, 38.1170

Complementary

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



29.1143, 25.4485, 32.2317



27.6419, 34.4552, 31.5807

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.



19.7372, 25.4485, 30.7136



29.1143, 25.4485, 32.2317



21.0765, 25.4485, 18.5987

Square

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



29.1143, 25.4485, 32.2317



25.7196, 25.4485, 16.4615



19.8514, 25.4485, 23.6307



22.7186, 25.4485, 43.1782

Rectangle

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



29.1143, 25.4485, 32.2317



28.5490, 25.4485, 20.9605



19.8514, 25.4485, 23.6307



20.2955, 25.4485, 35.7700

Sweetspot

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



29.1150, 25.4496, 32.2322



62.8593, 63.0580, 71.6233



25.9442, 23.6345, 40.2407



13.6246, 13.6146, 15.5156



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.1150, 25.4496, 32.2322



50.1939, 41.8225, 54.7763



27.6060, 24.8460, 24.2856



7.7039, 7.6114, 8.7582



13.8149, 6.9347, 9.1030



0.3610, 0.1787, 0.3524

Inverse Universe

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



29.1150, 25.4496, 32.2322



50.1939, 41.8225, 54.7763



29.3537, 35.1399, 40.5952



7.7039, 7.6114, 8.7582



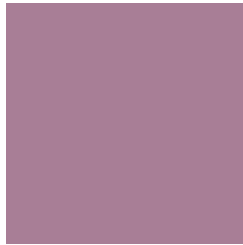
13.8149, 6.9347, 9.1030



0.3610, 0.1787, 0.3524

Previews

White Background



This preview shows how the XYZ color 29.1143, 25.4485, 32.2317 looks on a white background.

Color Contrast Check

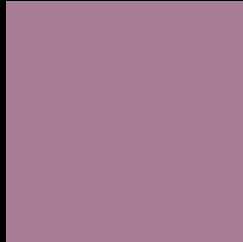
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1143, 25.4485, 32.2317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

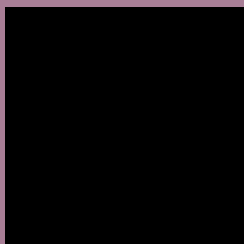
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1143, 25.4485, 32.2317

Background



This preview shows how black text looks on a background with the XYZ color 29.1143, 25.4485, 32.2317.



This preview shows how white text looks on a background with the XYZ color 29.1143, 25.4485,

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

29.1143, 25.4485, 32.2317

Protanopia

25.0231, 25.4765, 35.4969

Deuteranopia

25.9030, 25.3914, 31.5528



Tritanopia

28.0325, 25.3803, 27.4662

Trichromacy



Original Color

29.1143, 25.4485, 32.2317

Protanomaly

26.2529, 25.3112, 34.0737

Deuteranomaly

27.0587, 25.3711, 31.9047

Tritanomaly

28.4082, 25.3472, 28.9864

Monochromacy



Original Color

29.1143, 25.4485, 32.2317

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.6007, 26.2012, 30.0409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1143, 25.4485, 32.2317 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(168, 126, 150)` looks like.

```
.text, #text, p{  
    color:rgb(168, 126, 150)  
}
```

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(168, 126, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 126, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.1143, 25.4485, 32.2317 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(168, 126, 150) }
```


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

```
.border{ border-color:rgb(168, 126, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 126, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 126, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 126, 150);  
box-shadow:4px 4px 4px 4px rgb(168, 126,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1143, 25.4485, 32.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 126, 150) }
```

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

```
.background{ background-color: rgb(168,  
126, 150) }
```

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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