

Converting Colors

XYZ(29.1689, 25.2670, 33.1459)

Have a look what the booklet for
XYZ(29.1689, 25.2670, 33.1459)
contains.

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Color

**XYZ(29.1496, 25.2591,
33.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	A87D98
RGB	168, 125, 152
RGB Percent	66%, 49%, 60%
CMY	0.3412, 0.5098, 0.4039
CMYK	0.00, 0.26, 0.10, 0.34
HSL	322°, 20%, 57%
HSV	322°, 26%, 66%
XYZ	29.1496, 25.2591, 33.0449
YIQ	140.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

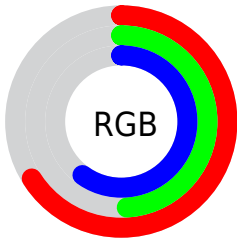
Format	Color
R _Y B	168, 125, 152
Decimal	11042200
CIE Lab	57.33, 21.12, -7.98
CIE LCh	57, 22.577, 339.307
Yxy	25.2591, 0.3333, 0.2888
Android (android.graphics.Color)	4289232280 (0xFFA87D98)
YUV	140.9350, 5.4550, 23.7360
Hunter-Lab	50.2584, 15.5767, -3.8022

Details

The XYZ color **29.1496, 25.2591, 33.0449** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.2689, 34.2891, 30.3822**, and the grayscale version is **25.2673, 26.5831, 28.9490**.

A 20% lighter version of the original color is **57.8014, 52.1443, 65.4109**, and **12.0036, 9.7533, 13.5618** is the 20% darker color. If you saturate the color by 10%, you get **26.7016, 21.1607, 29.7690**, and if you desaturate by 10%, it is **31.9859, 30.0901, 36.5839**.

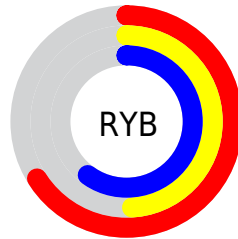
Distribution



Red (66%)

Green (49%)

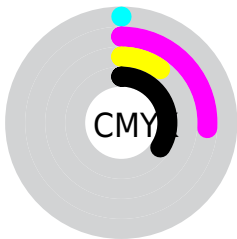
Blue (60%)



Red (66%)

Yellow (49%)

Blue (60%)

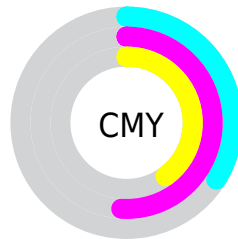


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (34%)



Cyan (34%)

Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1496, 25.2591, 33.0449 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 29.1496, 25.2591, 33.0449 by changing the saturation by 10% instead.

■ 29.1496, 25.2591,
33.0449

■ 29.1496, 25.2591,
33.0449

289.9016,
279.1258, 330.4902

■ 19.3389, 16.2702,
21.8894

■ 57.7106, 52.0772,
65.5624

■ 12.0208, 9.7156,
13.5781

■ 77.1916, 70.6753,
87.7616

■ 6.8302, 5.2108,
7.6925

■ 100.6267, 93.2452,
114.4791

■ 3.4015, 2.3715,
3.8139

128.3813,
120.1713, 146.1334

■ 1.3695, 0.8111,
1.5238

160.8207,
151.8380, 183.1432

■ 0.2343, 0.0000,
0.2356

198.3104,

■ 0.0000, 0.0000,

188.6297, 225.9269

0.0000

241.2156,
230.9309, 274.9030

■ 29.1496, 25.2591,
33.0449

■ 29.1496, 25.2591,
33.0449

■ 26.7016, 21.1607,
29.7690

■ 31.9859, 30.0901,
36.5839

■ 24.6210, 17.7550,
26.7465

■ 35.2253, 35.6839,
40.3923

■ 22.8886, 15.0038,
23.9691

■ 38.8849, 42.0735,
44.4778

■ 21.4822, 12.8634,
21.4273

■ 42.9798, 49.2887,
48.8474

■ 20.3771, 11.2852,
19.1107

■ 47.5245, 57.3578,
53.5078

■ 19.5448, 10.2127,
17.0075

■ 52.5328, 66.3078,
58.4654

■ 18.9485, 9.5735,
15.1033

■ 58.0179, 76.1645,
63.7264

■ 18.7234, 9.3548,
14.3142

■ 62.5710, 84.1099,
68.8231

■ 63.3266, 84.4121,
72.8018

Harmonies

Analogous

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



27.4167, 25.2591, 40.5515



29.1496, 25.2591, 33.0449



29.4513, 25.2591, 25.1883

Triad

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



29.1496, 25.2591, 33.0449



23.1856, 25.2591, 15.3745



20.2432, 25.2591, 37.9321

Complementary

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



29.1496, 25.2591, 33.0449



27.2689, 34.2891, 30.3822

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.



19.2805, 25.2591, 29.9551



29.1496, 25.2591, 33.0449



20.8942, 25.2591, 17.6048

Square

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



29.1496, 25.2591, 33.0449



25.8723, 25.2591, 15.8937



19.5096, 25.2591, 22.6179



22.2355, 25.2591, 43.7173

Rectangle

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



29.1496, 25.2591, 33.0449



28.7795, 25.2591, 20.9028



19.5096, 25.2591, 22.6179



19.7954, 25.2591, 35.3637

Sweetspot

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



29.1503, 25.2602, 33.0454



62.3483, 62.0258, 71.4849



25.3475, 23.1380, 40.1764



13.3982, 13.1884, 15.3581



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.



29.1503, 25.2602, 33.0454



50.1593, 41.2372, 56.3560



27.5617, 24.6248, 24.6798



7.7217, 7.6185, 8.8518



14.1644, 7.0745, 10.9431



0.3681, 0.1815, 0.3900

Inverse Universe

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



29.1503, 25.2602, 33.0454



50.1593, 41.2372, 56.3560



29.0063, 34.9841, 39.5313



7.7217, 7.6185, 8.8518



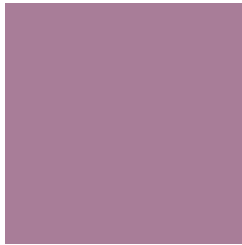
14.1644, 7.0745, 10.9431



0.3681, 0.1815, 0.3900

Previews

White Background



This preview shows how the XYZ color 29.1496, 25.2591, 33.0449 looks on a white background.

Color Contrast Check

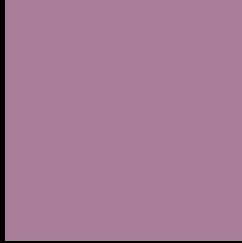
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1496, 25.2591, 33.0449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

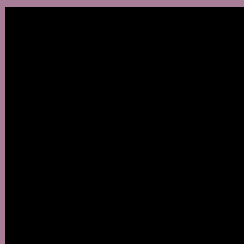
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1496, 25.2591, 33.0449

Background



This preview shows how black text looks on a background with the XYZ color 29.1496, 25.2591, 33.0449.



This preview shows how white text looks on a background with the XYZ color 29.1496, 25.2591,

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

29.1496, 25.2591, 33.0449

Protanopia

25.1223, 25.4977, 36.8552

Deuteranopia

25.8842, 25.3632, 32.3855



Tritanopia

27.9604, 25.3515, 27.0866

Trichromacy



Original Color

29.1496, 25.2591, 33.0449

Protanomaly

26.3274, 25.3204, 35.3980

Deuteranomaly

27.0286, 25.3370, 32.7441

Tritanomaly

28.4082, 25.3472, 28.9864

Monochromacy



Original Color

29.1496, 25.2591, 33.0449

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.5373, 25.9516, 30.3986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1496, 25.2591, 33.0449 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, 125, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 125, 152)  
}
```

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, 125, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 125, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.1496, 25.2591, 33.0449 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, 125, 152) }
```


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

```
.border{ border-color:rgb(168, 125, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 125, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 125, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 125, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 125,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1496, 25.2591, 33.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 125, 152) }
```

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

```
.background{ background-color: rgb(168,  
125, 152) }
```

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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