

Converting Colors

XYZ(29.6917, 27.2351, 32.0649)

Have a look what the booklet for
XYZ(29.6917, 27.2351, 32.0649)
contains.

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Color

**XYZ(29.6758, 27.3271,
32.1443)**

Conversions

Conversions Part 1

Format	Color
Hex	A68695
RGB	166, 134, 149
RGB Percent	65%, 53%, 58%
CMY	0.3490, 0.4745, 0.4157
CMYK	0.00, 0.19, 0.10, 0.35
HSL	332°, 15%, 59%
HSV	332°, 19%, 65%
XYZ	29.6758, 27.3271, 32.1443
YIQ	145.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

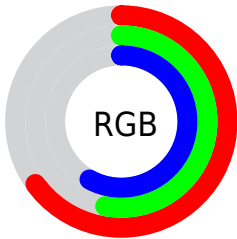
Format	Color
R _Y B	166, 134, 149
Decimal	10913429
CIE Lab	59.28, 14.74, -3.39
CIE LCh	59, 15.121, 347.062
Yxy	27.3271, 0.3329, 0.3065
Android (android.graphics.Color)	4289103509 (0xFFA68695)
YUV	145.2780, 1.8349, 18.1732
Hunter-Lab	52.2753, 9.8495, 0.1351

Details

The XYZ color **29.6758, 27.3271, 32.1443** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.0548, 34.5759, 34.4223**, and the grayscale version is **27.0160, 28.4230, 30.9526**.

A 20% lighter version of the original color is **58.3686, 55.2246, 64.0830**, and **12.3144, 10.7999, 12.9908** is the 20% darker color. If you saturate the color by 10%, you get **26.8815, 22.8228, 27.8695**, and if you desaturate by 10%, it is **32.8852, 32.5755, 36.8213**.

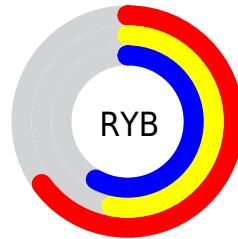
Distribution



Red (65%)

Green (53%)

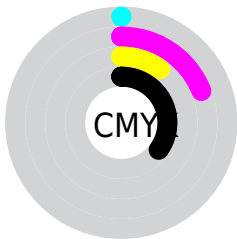
Blue (58%)



Red (65%)

Yellow (53%)

Blue (58%)

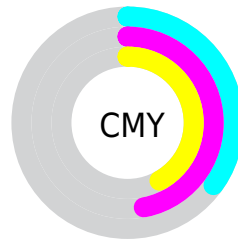


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6758, 27.3271, 32.1443 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 29.6758, 27.3271, 32.1443 by changing the saturation by 10% instead.

■ 29.6758, 27.3271,
32.1443

■ 29.6758, 27.3271,
32.1443

292.3274,
289.2374, 326.2890

■ 19.7395, 17.8190,
21.2060

■ 58.5393, 55.4083,
64.1378

■ 12.3130, 10.8201,
13.0820

■ 78.1971, 74.7503,
86.0300

■ 7.0309, 5.9460,
7.3536

■ 101.8262, 98.1389,
112.4107

■ 3.5279, 2.8123,
3.6024

129.7918,
125.9588, 143.6983

■ 1.4387, 1.0345,
1.4099

162.4594,
158.5941, 180.3114

■ 0.2836, 0.0000,
0.1494

200.1943,

■ 0.0000, 0.0000,

196.4294, 222.6685

0.0000

243.3618,
239.8491, 271.1882

■ 29.6758, 27.3271,
32.1443

■ 29.6758, 27.3271,
32.1443

■ 26.8815, 22.8228,
27.8695

■ 32.8852, 32.5755,
36.8213

■ 24.4820, 19.0249,
23.9832

■ 36.5240, 38.5961,
41.9098

■ 22.4587, 15.8980,
20.4738

■ 40.6090, 45.4200,
47.4212

■ 20.7908, 13.4021,
17.3279

■ 45.1552, 53.0756,
53.3658

■ 19.4548, 11.4930,
14.5313

■ 50.1767, 61.5897,
59.7535

■ 18.4248, 10.1204,
12.0687

■ 55.6874, 70.9882,
66.5938

■ 17.6703, 9.2258,
9.9227

■ 61.7004, 81.2955,
73.8959

■ 17.1302, 8.6896,
8.0658

■ 64.3459, 84.7710,
80.3748

■ 17.0942, 8.6543,
7.9405

■ 65.5422, 85.2495,
86.6744

Harmonies

Analogous

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



28.7237, 27.3271, 37.4160



29.6758, 27.3271, 32.1443



29.6020, 27.3271, 26.8064

Triad

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



29.6758, 27.3271, 32.1443



24.9227, 27.3271, 20.8789



23.5777, 27.3271, 38.0358

Complementary

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



29.6758, 27.3271, 32.1443



29.0548, 34.5759, 34.4223

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.



22.6545, 27.3271, 32.9113



29.6758, 27.3271, 32.1443



23.4049, 27.3271, 23.2176

Square

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



29.6758, 27.3271, 32.1443



26.7951, 27.3271, 20.7263



22.5929, 27.3271, 27.4863



25.1690, 27.3271, 41.0845

Rectangle

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



29.6758, 27.3271, 32.1443



28.9804, 27.3271, 23.9168



22.5929, 27.3271, 27.4863



23.1823, 27.3271, 36.4725

Sweetspot

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



29.6766, 27.3283, 32.1449



61.6863, 62.4232, 69.6662



28.0851, 26.3395, 39.6806



13.7151, 13.8220, 15.4643



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.



29.6766, 27.3283, 32.1449



51.6640, 46.0425, 55.0303



28.6290, 27.0275, 26.2636



7.6720, 7.5986, 8.5897



13.2788, 6.7202, 6.2798



0.3491, 0.1739, 0.2897

Inverse Universe

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



29.6766, 27.3283, 32.1449



51.6640, 46.0425, 55.0303



30.2548, 34.9011, 41.2188



7.6720, 7.5986, 8.5897



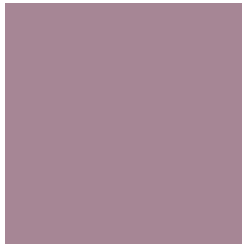
13.2788, 6.7202, 6.2798



0.3491, 0.1739, 0.2897

Previews

White Background



This preview shows how the XYZ color 29.6758, 27.3271, 32.1443 looks on a white background.

Color Contrast Check

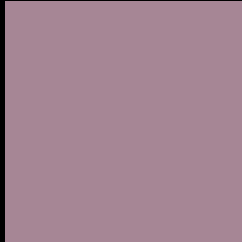
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6758, 27.3271, 32.1443 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 29.6758, 27.3271, 32.1443

Background



This preview shows how black text looks on a background with the XYZ color 29.6758, 27.3271, 32.1443.



This preview shows how white text looks on a background with the XYZ color 29.6758, 27.3271,

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

29.6758, 27.3271, 32.1443

Protanopia

26.6611, 27.4299, 34.4612

Deuteranopia

27.9043, 27.4734, 31.8491



Tritanopia

29.2919, 27.3716, 30.5275

Trichromacy



Original Color

29.6758, 27.3271, 32.1443

Protanomaly

27.6626, 27.3115, 33.5194

Deuteranomaly

28.3915, 27.2985, 31.7897

Tritanomaly

29.3693, 27.4026, 30.9354

Monochromacy



Original Color

29.6758, 27.3271, 32.1443

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8501, 27.8974, 31.1110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6758, 27.3271, 32.1443 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(166, 134, 149)` looks like.

```
.text, #text, p{  
    color:rgb(166, 134, 149)  
}
```

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(166, 134, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 134, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.6758, 27.3271, 32.1443 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(166, 134, 149) }
```


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

```
.border{ border-color:rgb(166, 134, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 134, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 134, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 134, 149);  
box-shadow:4px 4px 4px 4px rgb(166, 134,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6758, 27.3271, 32.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 134, 149) }
```

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

```
.background{ background-color: rgb(166,  
134, 149) }
```

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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