

Converting Colors

XYZ(32.0353, 29.0523, 39.2456)

Have a look what the booklet for
XYZ(32.0353, 29.0523, 39.2456)
contains.

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Color

**XYZ(32.0087, 29.0067,
39.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	A989A4
RGB	169, 137, 164
RGB Percent	66%, 54%, 64%
CMY	0.3373, 0.4627, 0.3569
CMYK	0.00, 0.19, 0.03, 0.34
HSL	309°, 16%, 60%
HSV	309°, 19%, 66%
XYZ	32.0087, 29.0067, 39.0338
YIQ	149.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

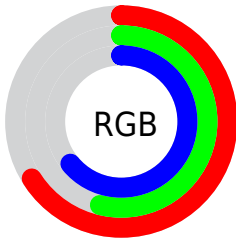
Format	Color
R_{YB}	169, 137, 164
Decimal	11110820
CIE _{Lab}	60.79, 16.89, -9.68
CIE _{LCh}	61, 19.466, 330.165
Yxy	29.0067, 0.3199, 0.2899
Android (android.graphics.Color)	4289300900 (0xFFA989A4)
YUV	149.6460, 7.0765, 16.9735
Hunter-Lab	53.8579, 11.8345, -5.2703

Details

The XYZ color **32.0087, 29.0067, 39.0338** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.3881, 35.6481, 30.9247**, and the grayscale version is **28.8082, 30.3084, 33.0059**.

A 20% lighter version of the original color is **62.1575, 58.2234, 74.9800**, and **13.6689, 11.7681, 16.8803** is the 20% darker color. If you saturate the color by 10%, you get **29.5562, 24.4790, 37.0521**, and if you desaturate by 10%, it is **34.8442, 34.2915, 41.1683**.

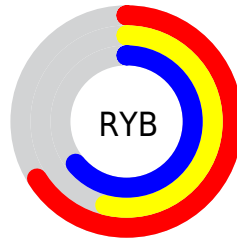
Distribution



Red (66%)

Green (54%)

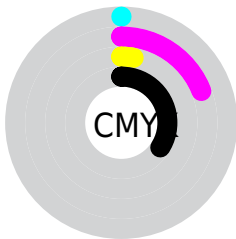
Blue (64%)



Red (66%)

Yellow (54%)

Blue (64%)

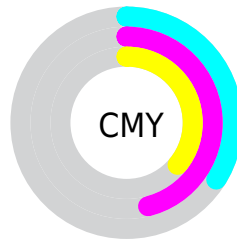


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (34%)



Cyan (34%)


Magenta (46%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0087, 29.0067, 39.0338 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 32.0087, 29.0067, 39.0338 by changing the saturation by 10% instead.


 32.0087, 29.0067,
39.0338


 32.0087, 29.0067,
39.0338


302.9035,
297.2466, 357.4644


 21.5237, 19.0859,
26.4780


 62.1898, 58.0877,
74.9109

 13.6220, 11.7324,
16.9526


 82.6167, 78.0167,
99.0692

 7.9382, 6.5617,
10.0391


 107.0882,
102.0506, 127.9321

 4.1069, 3.1895,
5.3189

135.9698,
130.5737, 161.9182

 1.7628, 1.2315,
2.3736

169.6267,
163.9705, 201.4459

 0.4951, 0.0872,
0.7720

208.4244,

 0.0000, 0.0000,

202.6253, 246.9338

0.0000

252.7282,
246.9225, 298.8005

■ 32.0087, 29.0067,
39.0338

■ 32.0087, 29.0067,
39.0338

■ 29.5562, 24.4790,
37.0521

■ 34.8442, 34.2915,
41.1683

■ 27.4666, 20.6697,
35.2152

■ 38.0764, 40.3623,
43.4593

■ 25.7219, 17.5423,
33.5175

■ 41.7216, 47.2510,
45.9127

■ 24.3014, 15.0556,
31.9519

■ 45.7944, 54.9868,
48.5335

■ 23.1824, 13.1641,
30.5106

■ 50.3086, 63.5974,
51.3264

■ 22.3390, 11.8161,
29.1849

■ 55.2775, 73.1091,
54.2961

■ 21.7409, 10.9511,
27.9645

■ 60.6164, 83.3527,
57.4144

■ 21.3303, 10.4536,
26.8299

■ 60.8929, 83.4633,
58.8706

■ 21.2895, 10.4059,
26.7112

■ 61.1746, 83.5760,
60.3542

Harmonies

Analogous

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



30.0873, 29.0067, 45.2245



32.0087, 29.0067, 39.0338



32.7262, 29.0067, 31.5433

Triad

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



32.0087, 29.0067, 39.0338



27.5560, 29.0067, 19.5999



23.5745, 29.0067, 39.1138

Complementary

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



32.0087, 29.0067, 39.0338



29.3881, 35.6481, 30.9247

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.



22.9860, 29.0067, 31.6234



32.0087, 29.0067, 39.0338



25.1972, 29.0067, 21.0047

Square

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



32.0087, 29.0067, 39.0338



30.0616, 29.0067, 20.9742



23.5619, 29.0067, 25.1470



25.2200, 29.0067, 45.2754

Rectangle

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



32.0087, 29.0067, 39.0338



32.3931, 29.0067, 27.0202



23.5619, 29.0067, 25.1470



23.2511, 29.0067, 36.6334

Sweetspot

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



32.0096, 29.0080, 39.0344



63.9654, 64.3401, 74.8596



27.2294, 26.4905, 41.2146



13.8666, 13.8826, 16.2622



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.



32.0096, 29.0080, 39.0344



55.2763, 48.1550, 68.2847



30.6700, 28.4722, 31.9805



7.7908, 7.6462, 9.2155



15.8828, 7.7618, 19.9922



0.3995, 0.1941, 0.5555

Inverse Universe

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



32.0096, 29.0080, 39.0344



55.2763, 48.1550, 68.2847



30.6599, 36.1568, 37.6215



7.7908, 7.6462, 9.2155



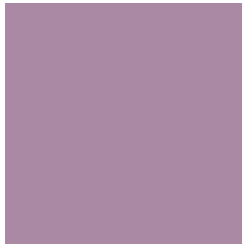
15.8828, 7.7618, 19.9922



0.3995, 0.1941, 0.5555

Previews

White Background



This preview shows how the XYZ color 32.0087, 29.0067, 39.0338 looks on a white background.

Color Contrast Check

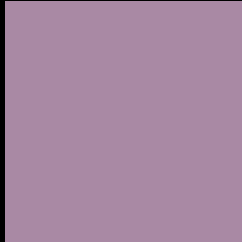
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0087, 29.0067, 39.0338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

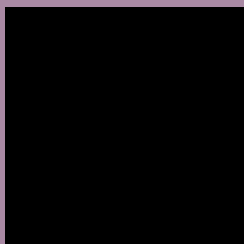
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0087, 29.0067, 39.0338

Background



This preview shows how black text looks on a background with the XYZ color 32.0087, 29.0067, 39.0338.



This preview shows how white text looks on a background with the XYZ color 32.0087, 29.0067,

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

32.0087, 29.0067, 39.0338

Protanopia

28.8623, 29.2997, 42.1644

Deuteranopia

29.7597, 29.1593, 38.7101



Tritanopia

30.6740, 28.8827, 32.8124

Trichromacy



Original Color

32.0087, 29.0067, 39.0338

Protanomaly

29.8392, 29.1475, 41.0991

Deuteranomaly

30.4338, 29.0650, 38.6564

Tritanomaly

31.1533, 28.8683, 34.9405

Monochromacy



Original Color

32.0087, 29.0067, 39.0338

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.9464, 29.7855, 35.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0087, 29.0067, 39.0338 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(169, 137, 164)` looks like.

```
.text, #text, p{  
    color:rgb(169, 137, 164)  
}
```

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(169, 137, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 137, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.0087, 29.0067, 39.0338 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(169, 137, 164) }
```


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

```
.border{ border-color:rgb(169, 137, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 137, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 137, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 137, 164);  
box-shadow:4px 4px 4px 4px rgb(169, 137,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0087, 29.0067, 39.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 137, 164) }
```

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

```
.background{ background-color: rgb(169,  
137, 164) }
```

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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