

Converting Colors

XYZ(30.3123, 29.1541, 35.1368)

Have a look what the booklet for
XYZ(30.3123, 29.1541, 35.1368)
contains.

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Color

**XYZ(30.3416, 29.0977,
35.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	A28D9B
RGB	162, 141, 155
RGB Percent	64%, 55%, 61%
CMY	0.3647, 0.4470, 0.3922
CMYK	0.00, 0.13, 0.04, 0.36
HSL	320°, 10%, 59%
HSV	320°, 13%, 64%
XYZ	30.3416, 29.0977, 35.0276
YIQ	148.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

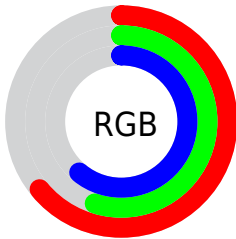
Format	Color
R_{YB}	162, 141, 155
Decimal	10653083
CIE _{Lab}	60.87, 10.39, -4.51
CIE _{LCh}	61, 11.329, 336.546
Yxy	29.0977, 0.3212, 0.3080
Android (android.graphics.Color)	4288843163 (0xFFA28D9B)
YUV	148.8750, 3.0196, 11.5106
Hunter-Lab	53.9423, 6.0042, -0.7406




Details

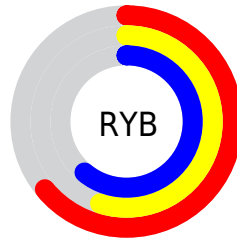
The XYZ color **30.3416, 29.0977, 35.0276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2513, 33.6424, 32.9705**, and the grayscale version is **28.5006, 29.9848, 32.6535**.




A 20% lighter version of the original color is **59.6390, 58.3854, 68.4478**, and **12.6702, 11.7966, 14.7059** is the 20% darker color. If you saturate the color by 10%, you get **27.6822, 24.4882, 31.9533**, and if you desaturate by 10%, it is **33.3724, 34.4167, 38.3265**.

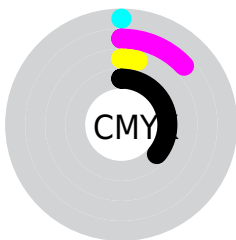
Distribution







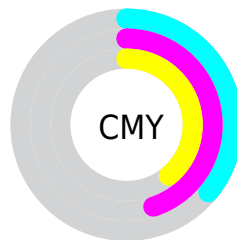
-  Red (64%)
-  Green (55%)
-  Blue (61%)






-  Red (64%)
-  Yellow (55%)
-  Blue (61%)



-  Cyan (0%)
-  Magenta (13%)
-  Yellow (4%)
-  Black (36%)



-  Cyan (36%)
-  Magenta (45%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3416, 29.0977, 35.0276 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 30.3416, 29.0977, 35.0276 by changing the saturation by 10% instead.

■ 30.3416, 29.0977,
35.0276

■ 30.3416, 29.0977,
35.0276

295.3748,
297.6757, 339.5981

■ 20.2474, 19.1547,
23.4004

■ 59.5849, 58.2323,
68.6806

■ 12.6843, 11.7821,
14.6814

■ 79.4647, 78.1927,
91.5435

■ 7.2870, 6.5955,
8.4519

■ 103.3371,
102.2610, 118.9886

■ 3.6902, 3.2105,
4.2936

131.5673,
130.8217, 151.4347

■ 1.5284, 1.2426,
1.7877

164.5209,
164.2591, 189.3001

■ 0.3450, 0.0961,
0.4199

202.5631,

■ 0.0000, 0.0000,

202.9576, 233.0034

0.0000

246.0593,
247.3017, 282.9633

■ 30.3416, 29.0977,
35.0276

■ 30.3416, 29.0977,
35.0276

■ 27.6822, 24.4882,
31.9533

■ 33.3724, 34.4167,
38.3265

■ 25.3763, 20.5541,
29.0954

■ 36.7865, 40.4698,
41.8542

■ 23.4082, 17.2641,
26.4475

■ 40.5985, 47.2852,
45.6171

■ 21.7602, 14.5829,
24.0025

■ 44.8212, 54.8885,
49.6207

■ 20.4126, 12.4720,
21.7524

■ 49.4670, 63.3040,
53.8705

■ 19.3438, 10.8882,
19.6886

■ 54.5478, 72.5550,
58.3715

■ 18.5288, 9.7823,
17.8014

■ 60.0750, 82.6639,
63.1287

■ 17.9381, 9.0955,
16.0794

■ 60.8776, 83.2883,
66.4195

■ 17.6069, 8.7641,
14.9490

■ 61.5127, 83.5424,
69.7642

Harmonies

Analogous

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



29.3805, 29.0977, 38.6685



30.3416, 29.0977, 35.0276



30.5718, 29.0977, 30.7652

Triad

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



30.3416, 29.0977, 35.0276



27.3343, 29.0977, 24.2765



25.4393, 29.0977, 36.7711

Complementary

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



30.3416, 29.0977, 35.0276



29.2513, 33.6424, 32.9705

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.



24.9326, 29.0977, 32.6177



30.3416, 29.0977, 35.0276



26.0013, 29.0977, 25.5930

Square

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



30.3416, 29.0977, 35.0276



28.8011, 29.0977, 24.7980



25.1347, 29.0977, 28.5574



26.5426, 29.0977, 39.7360

Rectangle

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



30.3416, 29.0977, 35.0276



30.2728, 29.0977, 28.1882



25.1347, 29.0977, 28.5574



25.1954, 29.0977, 35.4541

Sweetspot

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



30.3424, 29.0990, 35.0282



59.9373, 61.3388, 68.8903



28.2604, 27.9557, 38.0895



13.3678, 13.6111, 15.3722



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.3424, 29.0990, 35.0282



53.3959, 49.8878, 61.6797



29.4986, 28.7614, 30.5845



7.2634, 7.1618, 8.3737



13.8915, 6.9127, 11.8852



0.3124, 0.1535, 0.3578

Inverse Universe

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



30.3424, 29.0990, 35.0282



53.3959, 49.8878, 61.6797



30.1205, 33.9901, 37.5478



7.2634, 7.1618, 8.3737



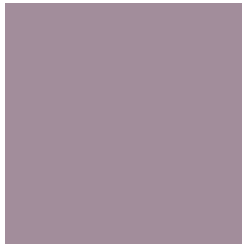
13.8915, 6.9127, 11.8852



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 30.3416, 29.0977, 35.0276 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 30.3416, 29.0977, 35.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

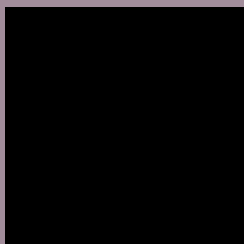
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3416, 29.0977, 35.0276

Background



This preview shows how black text looks on a background with the XYZ color 30.3416, 29.0977, 35.0276.



This preview shows how white text looks on a background with the XYZ color 30.3416, 29.0977,

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

30.3416, 29.0977, 35.0276

Protanopia

28.3045, 29.1374, 36.4800

Deuteranopia

29.8394, 29.2806, 35.0894



Tritanopia

30.0927, 28.9981, 33.7169

Trichromacy



Original Color

30.3416, 29.0977, 35.0276

Protanomaly

29.0080, 29.0562, 35.9778

Deuteranomaly

29.8875, 29.0835, 35.0488

Tritanomaly

30.1749, 29.0310, 34.1502

Monochromacy



Original Color

30.3416, 29.0977, 35.0276

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1912, 29.6622, 33.4650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3416, 29.0977, 35.0276 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(162, 141, 155)` looks like.

```
.text, #text, p{  
    color:rgb(162, 141, 155)  
}
```

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(162, 141, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 141, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.3416, 29.0977, 35.0276 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(162, 141, 155) }
```


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

```
.border{ border-color:rgb(162, 141, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 141, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 141, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 141, 155);  
box-shadow:4px 4px 4px 4px rgb(162, 141,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3416, 29.0977, 35.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 141, 155) }
```

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

```
.background{ background-color: rgb(162,  
141, 155) }
```

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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