

Converting Colors

XYZ(35.0922, 27.1629, 60.5202)

Have a look what the booklet for
XYZ(35.0922, 27.1629, 60.5202)
contains.

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Color

**XYZ(35.0922, 27.1629,
60.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7ACC
RGB	173, 122, 204
RGB Percent	68%, 48%, 80%
CMY	0.3216, 0.5216, 0.2000
CMYK	0.15, 0.40, 0.00, 0.20
HSL	277°, 45%, 64%
HSV	277°, 40%, 80%
XYZ	35.0922, 27.1629, 60.5202
YIQ	146.5970, 4.0740, 36.3140

Conversions

Conversions Part 2

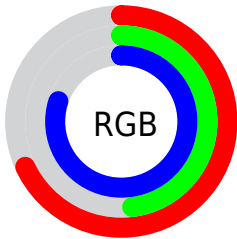
Format	Color
RYB	173, 122, 204
Decimal	11369164
CIELab	59.12, 34.88, -34.92
CIELCh	59, 49.355, 314.973
Yxy	27.1629, 0.2858, 0.2212
Android (android.graphics.Color)	4289559244 (0xFFAD7ACC)
YUV	146.5970, 28.2997, 23.1554
Hunter-Lab	52.1180, 28.9813, -32.3658

Details

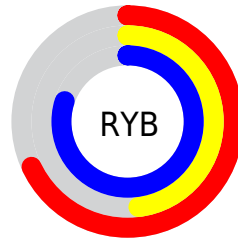
The XYZ color **35.0922, 27.1629, 60.5202** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **38.2434, 51.3638, 26.3120**, and the grayscale version is **27.4536, 28.8834, 31.4540**.

A 20% lighter version of the original color is **66.0131, 54.7029, 101.6872**, and **15.3499, 10.7266, 29.6952** is the 20% darker color. If you saturate the color by 10%, you get **31.1891, 21.8151, 59.6941**, and if you desaturate by 10%, it is **39.6214, 33.6152, 61.5273**.

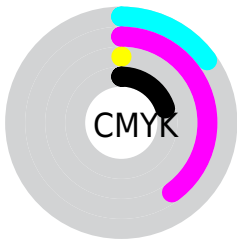
Distribution



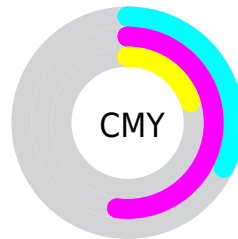
- Red (68%)
- Green (48%)
- Blue (80%)



- Red (68%)
- Yellow (48%)
- Blue (80%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0922, 27.1629, 60.5202 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 35.0922, 27.1629, 60.5202 by changing the saturation by 10% instead.

35.0922, 27.1629,
60.5202

35.0922, 27.1629,
60.5202

316.4760,
288.4450, 444.3703

23.9008, 17.6956,
43.4100

66.9617, 55.1452,
107.1347

15.3844, 10.7317,
29.8732

88.3704, 74.4289,
137.4760

9.1776, 5.8867,
19.4911

113.9156, 97.7536,
173.0649

4.9153, 2.7763,
11.8453

143.9626,
125.5036, 214.3198

2.2319, 1.0161,
6.5172

178.8768,
158.0634, 261.6592

0.7595, 0.0000,
3.0882

219.0235,

0.0000, 0.0000,

195.8173, 315.5018

1.1398

264.7681,
239.1497, 376.2660

■ 0.0000, 0.0000,
0.0000

■ 35.0922, 27.1629,
60.5202

■ 35.0922, 27.1629,
60.5202

■ 31.1891, 21.8151,
59.6941

■ 39.6214, 33.6152,
61.5273

■ 27.8744, 17.5011,
59.0361

■ 44.8057, 41.2299,
62.7239

■ 25.1104, 14.1475,
58.5345

■ 50.6757, 50.0650,
64.1199

■ 22.8533, 11.6689,
58.1751

■ 57.2589, 60.1735,
65.7240

■ 21.0514, 9.9648,
57.9411

■ 64.5813, 71.6051,
67.5446

■ 19.6336, 8.8624,
57.8030

■ 72.6677, 84.4071,
69.5894

■ 78.3337, 92.2085,
70.7966

■ 80.8209, 93.4907,
70.9130

■ 83.4185, 94.8298,
71.0346

Harmonies

Analogous

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



28.9893, 27.1629, 75.7348



35.0922, 27.1629, 60.5202



38.9797, 27.1629, 39.2359

Triad

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



35.0922, 27.1629, 60.5202



29.0008, 27.1629, 7.4655



16.0100, 27.1629, 39.1991

Complementary

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



35.0922, 27.1629, 60.5202



38.2434, 51.3638, 26.3120

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.



16.0121, 27.1629, 21.6476



35.0922, 27.1629, 60.5202



22.8860, 27.1629, 7.4622

Square

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



35.0922, 27.1629, 60.5202



35.1018, 27.1629, 11.5380



18.3405, 27.1629, 11.5261



18.3343, 27.1629, 60.4842

Rectangle

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



35.0922, 27.1629, 60.5202



39.4544, 27.1629, 26.7406



18.3405, 27.1629, 11.5261



15.7522, 27.1629, 32.6046

Sweetspot

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



35.0932, 27.1640, 60.5208



81.9246, 79.8782, 105.7079



30.3884, 31.4228, 61.5908



17.2521, 16.6689, 22.5581



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.0932, 27.1640, 60.5208



52.6003, 37.4013, 99.0546



41.6485, 30.6720, 55.0203



11.2607, 11.1837, 14.1355



12.4638, 5.6328, 36.3866



0.7256, 0.3332, 1.8810

Inverse Universe

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



37.6119, 29.0573, 33.7641



57.6967, 41.1753, 47.4870



33.7550, 48.9781, 29.3504



11.3848, 11.2827, 12.5612



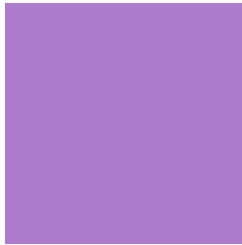
16.5613, 8.4351, 5.4084



0.8910, 0.4498, 0.4719

Previews

White Background



This preview shows how the XYZ color 35.0922, 27.1629, 60.5202 looks on a white background.

Color Contrast Check

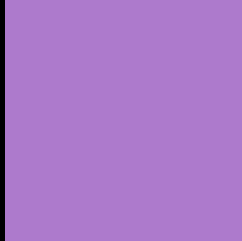
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0922, 27.1629, 60.5202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

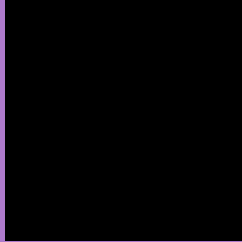
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0922, 27.1629, 60.5202

Background



This preview shows how black text looks on a background with the XYZ color 35.0922, 27.1629, 60.5202.



This preview shows how white text looks on a background with the XYZ color 35.0922, 27.1629,

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

35.0922, 27.1629, 60.5202

Protanopia

29.1037, 27.4480, 70.7819

Deuteranopia

27.9762, 27.3575, 58.4496



Tritanopia

29.0846, 27.2648, 30.5178

Trichromacy



Original Color

35.0922, 27.1629, 60.5202

Protanomaly

30.5168, 26.7810, 67.1792

Deuteranomaly

30.0522, 26.9300, 58.8724

Tritanomaly

30.8019, 26.9339, 39.6517

Monochromacy



Original Color

35.0922, 27.1629, 60.5202

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.8667, 28.0720, 40.8901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0922, 27.1629, 60.5202 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(173, 122, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 122, 204)  
}
```

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(173, 122, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 122, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.0922, 27.1629, 60.5202 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(173, 122, 204) }
```


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

```
.border{ border-color:rgb(173, 122, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 122, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 122, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 122, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 122,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0922, 27.1629, 60.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 122, 204) }
```

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

```
.background{ background-color: rgb(173,  
122, 204) }
```

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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