

Converting Colors

XYZ(35.9257, 27.2958, 64.6606)

Have a look what the booklet for
XYZ(35.9257, 27.2958, 64.6606)
contains.

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Color

**XYZ(35.9258, 27.3266,
64.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	AE79D2
RGB	174, 121, 210
RGB Percent	68%, 47%, 82%
CMY	0.3176, 0.5255, 0.1765
CMYK	0.17, 0.42, 0.00, 0.18
HSL	276°, 50%, 65%
HSV	276°, 42%, 82%
XYZ	35.9258, 27.3266, 64.3538
YIQ	146.9930, 3.0190, 38.9150

Conversions

Conversions Part 2

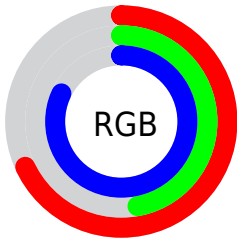
Format	Color
RYB	174, 121, 210
Decimal	11434450
CIELab	59.28, 37.05, -38.06
CIELCh	59, 53.115, 314.233
Yxy	27.3266, 0.2815, 0.2141
Android (android.graphics.Color)	4289624530 (0xFFAE79D2)
YUV	146.9930, 31.0625, 23.6851
Hunter-Lab	52.2749, 31.1928, -36.3975

Details

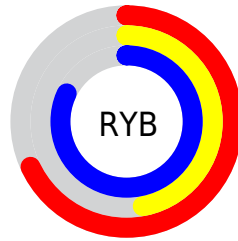
The XYZ color **35.9258, 27.3266, 64.3538** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **40.4032, 54.6424, 26.5079**, and the grayscale version is **27.6060, 29.0437, 31.6286**.

A 20% lighter version of the original color is **66.1410, 54.4810, 101.6376**, and **15.9154, 10.8661, 32.2689** is the 20% darker color. If you saturate the color by 10%, you get **31.8133, 21.8221, 63.5085**, and if you desaturate by 10%, it is **40.7154, 34.0059, 65.3910**.

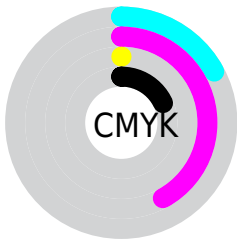
Distribution



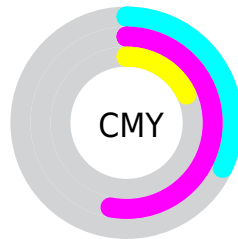
- Red (68%)
- Green (47%)
- Blue (82%)



- Red (68%)
- Yellow (47%)
- Blue (82%)



- Cyan (17%)
- Magenta (42%)
- Yellow (0%)
- Black (18%)



- Cyan (32%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9258, 27.3266, 64.3538 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 35.9258, 27.3266, 64.3538 by changing the saturation by 10% instead.

35.9258, 27.3266,
64.3538

35.9258, 27.3266,
64.3538

320.0730,
289.2350, 458.7086

24.5467, 17.8187,
46.4893

68.2421, 55.4075,
112.7247

15.8666, 10.8199,
32.2806

89.9101, 74.7493,
144.0681

9.5201, 5.9458,
21.3094

115.7385, 98.1378,
180.7416

5.1417, 2.8122,
13.1569

146.0925,
125.9574, 223.1637

2.3663, 1.0345,
7.4047

181.3377,
158.5925, 271.7529

0.8283, 0.0000,
3.6342

221.8392,

0.0000, 0.0000,

196.4276, 326.9277

1.4269

267.9626,
239.8469, 389.1068

■ 0.0000, 0.0000,
0.1626

■ 0.0000, 0.0000,
0.0000

■ 35.9258, 27.3266,
64.3538

■ 35.9258, 27.3266,
64.3538

■ 31.8133, 21.8221,
63.5085

■ 40.7154, 34.0059,
65.3910

■ 28.3364, 17.4151,
62.8411

■ 46.2143, 41.9241,
66.6296

■ 25.4530, 14.0240,
62.3386

■ 52.4564, 51.1443,
68.0803

■ 23.1140, 11.5541,
61.9851

■ 59.4719, 61.7246,
69.7527

21.2607, 9.8916,
61.7619

67.2895, 73.7193,
71.6559

20.0987, 9.0174,
61.6544

75.9364, 87.1796,
73.7983

81.1484, 93.5748,
74.7579

83.9961, 95.0428,
74.8912

86.9792, 96.5806,
75.0308

Harmonies

Analogous

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



29.2372, 27.3266, 81.0670



35.9258, 27.3266, 64.3538



40.2841, 27.3266, 40.8250

Triad

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



35.9258, 27.3266, 64.3538



29.5955, 27.3266, 6.6264



15.4673, 27.3266, 39.6698

Complementary

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



35.9258, 27.3266, 64.3538



40.4032, 54.6424, 26.5079

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.



15.5300, 27.3266, 20.8907



35.9258, 27.3266, 64.3538



22.9615, 27.3266, 6.5339

Square

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



35.9258, 27.3266, 64.3538



36.2264, 27.3266, 10.8537



18.0526, 27.3266, 10.5046



17.8638, 27.3266, 63.2043

Rectangle

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



35.9258, 27.3266, 64.3538



40.8834, 27.3266, 27.1382



18.0526, 27.3266, 10.5046



15.2162, 27.3266, 32.5328

Sweetspot

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



35.9268, 27.3277, 64.3544



80.6092, 78.1879, 105.4509



31.7601, 33.2014, 65.7078



16.7735, 16.0212, 22.4583



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.



35.9268, 27.3277, 64.3544



49.8417, 34.4864, 98.6373



44.1463, 31.6694, 60.0265



11.8290, 11.7607, 14.8902



12.3762, 5.5605, 37.6135



0.7805, 0.3565, 2.1072

Inverse Universe

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



39.5023, 29.8118, 35.5715



56.5585, 39.1110, 46.4534



34.8564, 51.7283, 28.7148



12.0041, 11.8864, 13.2973



17.2581, 8.7761, 6.2654



1.0038, 0.5062, 0.5550

Previews

White Background



This preview shows how the XYZ color 35.9258, 27.3266, 64.3538 looks on a white background.

Color Contrast Check

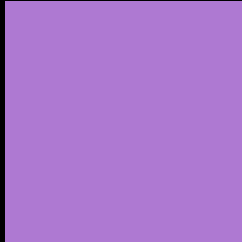
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9258, 27.3266, 64.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

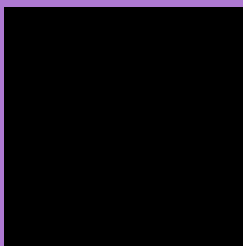
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9258, 27.3266, 64.3538

Background



This preview shows how black text looks on a background with the XYZ color 35.9258, 27.3266, 64.3538.

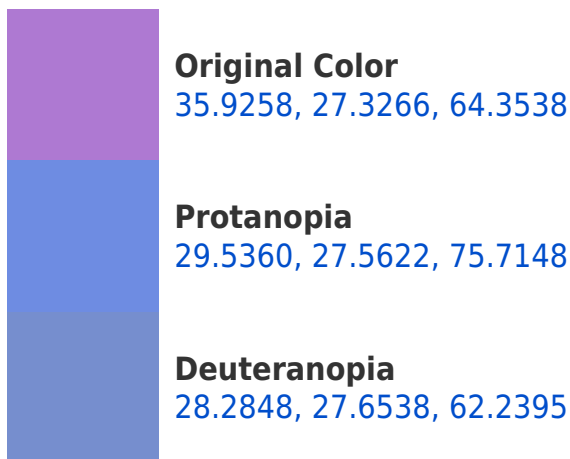


This preview shows how white text looks on a background with the XYZ color 35.9258, 27.3266,

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





Tritanopia

29.1621, 27.2958, 30.9257

Trichromacy



Original Color

35.9258, 27.3266, 64.3538

Protanomaly

30.9787, 26.9289, 71.2752

Deuteranomaly

30.2688, 26.9585, 62.6396

Tritanomaly

31.2925, 27.1547, 41.1282

Monochromacy



Original Color

35.9258, 27.3266, 64.3538

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.2488, 28.2473, 41.8882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9258, 27.3266, 64.3538 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(174, 121, 210)` looks like.

```
.text, #text, p{  
    color:rgb(174, 121, 210)  
}
```

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(174, 121, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 121, 210) }
```

Border

The CSS property to change the border of an element to XYZ 35.9258, 27.3266, 64.3538 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(174, 121, 210) }
```


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

```
.border{ border-color:rgb(174, 121, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 121, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 121, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 121, 210);  
box-shadow:4px 4px 4px 4px rgb(174, 121,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9258, 27.3266, 64.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 121, 210) }
```

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

```
.background{ background-color: rgb(174,  
121, 210) }
```

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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