

Converting Colors

XYZ(35.5914, 29.7063, 82.1526)

Have a look what the booklet for
XYZ(35.5914, 29.7063, 82.1526)
contains.

XYZ(35.6536, 29.7175, 82.4542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.6536, 29.7175,
82.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	9288EB
RGB	146, 136, 235
RGB Percent	57%, 53%, 92%
CMY	0.4274, 0.4667, 0.0784
CMYK	0.38, 0.42, 0.00, 0.08
HSL	246°, 71%, 73%
HSV	246°, 42%, 92%
XYZ	35.6536, 29.7175, 82.4542
YIQ	150.2760, -25.8190, 32.9090

Conversions

Conversions Part 2

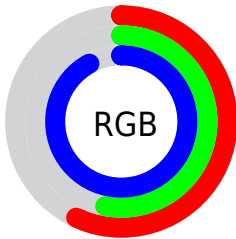
Format	Color
RYB	146, 136, 235
Decimal	9603307
CIELab	61.41, 26.94, -48.83
CIElCh	61, 55.769, 298.882
Yxy	29.7175, 0.2412, 0.2010
Android (android.graphics.Color)	4287793387 (0xFF9288EB)
YUV	150.2760, 41.7689, -3.7501
Hunter-Lab	54.5138, 21.3452, -51.5188

Details

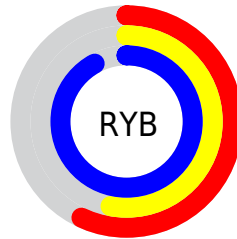
The XYZ color **35.6536, 29.7175, 82.4542** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **65.2039, 77.2023, 34.7584**, and the grayscale version is **28.9436, 30.4509, 33.1610**.

A 20% lighter version of the original color is **60.8762, 56.3117, 102.2685**, and **15.7789, 12.1344, 44.1584** is the 20% darker color. If you saturate the color by 10%, you get **29.2849, 22.0485, 81.3102**, and if you desaturate by 10%, it is **43.4440, 39.1974, 83.8740**.

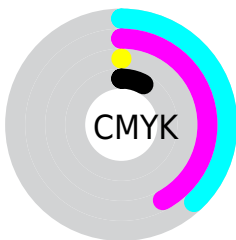
Distribution



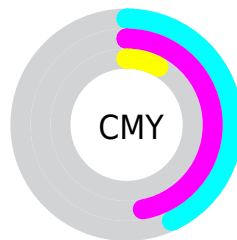
- Red (57%)
- Green (53%)
- Blue (92%)



- Red (57%)
- Yellow (53%)
- Blue (92%)



- Cyan (38%)
- Magenta (42%)
- Yellow (0%)
- Black (8%)



- Cyan (43%)
- Magenta (47%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6536, 29.7175, 82.4542 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 35.6536, 29.7175, 82.4542 by changing the saturation by 10% instead.

■ 35.6536, 29.7175,
82.4542

■ 35.6536, 29.7175,
82.4542

318.9017,
300.5854, 523.0890

■ 24.3357, 19.6243,
61.2020

■ 67.8244, 59.2151,
138.6532

■ 15.7089, 12.1222,
43.9566

■ 89.4081, 79.3883,
174.4370

■ 9.4079, 6.8270,
30.2994

■ 115.1443,
103.6903, 215.9018

■ 5.0674, 3.3541,
19.8120

145.3984,
132.5054, 263.4661

■ 2.3220, 1.3193,
12.0757

180.5359,
166.2181, 317.5484

■ 0.8059, 0.1561,
6.6721

220.9220,

■ 0.0000, 0.0000,

205.2127, 378.5673

3.1826

266.9221,
249.8737, 446.9413

■ 0.0000, 0.0000,
1.1886

■ 0.0000, 0.0000,
0.0000

■ 35.6536, 29.7175,
82.4542

■ 35.6536, 29.7175,
82.4542

■ 29.2849, 22.0485,
81.3102

■ 43.4440, 39.1974,
83.8740

■ 24.2482, 16.0716,
80.4220

■ 52.7317, 50.5902,
85.5835

■ 20.4491, 11.6587,
79.7704

■ 63.5907, 63.9944,
87.5984

■ 17.7789, 8.6623,
79.3328

■ 76.0895, 79.5006,
89.9327

■ 16.1097, 6.9059,
79.0818

■ 90.2922, 97.1939,
92.5993

■ 15.3661, 6.1892,
78.9826

■ 91.9955, 98.7782,
92.8153

Harmonies

Analogous

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



27.9701, 29.7175, 92.2139



35.6536, 29.7175, 82.4542



42.1885, 29.7175, 58.1728

Triad

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



35.6536, 29.7175, 82.4542



36.2156, 29.7175, 8.5729



16.3197, 29.7175, 31.5722

Complementary

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



35.6536, 29.7175, 82.4542



65.2039, 77.2023, 34.7584

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.



17.7727, 29.7175, 15.5956



35.6536, 29.7175, 82.4542



28.5229, 29.7175, 6.3862

Square

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



35.6536, 29.7175, 82.4542



42.5506, 29.7175, 16.4537



21.9421, 29.7175, 8.2505



17.5706, 29.7175, 56.1692

Rectangle

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



35.6536, 29.7175, 82.4542



44.5468, 29.7175, 40.8262



21.9421, 29.7175, 8.2505



16.5029, 29.7175, 25.1489

Sweetspot

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



35.6547, 29.7186, 82.4549



75.2448, 75.4224, 105.1999



52.1018, 65.1377, 88.4246



15.4581, 15.3431, 22.3967



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.



35.6547, 29.7186, 82.4549



35.8731, 27.2854, 97.9836



46.4096, 35.2629, 82.9582



14.3724, 14.6217, 18.9870



8.6005, 3.4697, 43.9594



0.7230, 0.2970, 3.4541

Inverse Universe

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



56.6563, 40.7076, 76.1052



64.5736, 42.3171, 88.6604



51.9673, 70.3785, 34.1390



15.6454, 15.2860, 18.6840



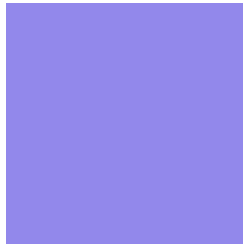
25.6571, 12.4655, 35.5915



2.0337, 0.9864, 2.8947

Previews

White Background



This preview shows how the XYZ color 35.6536, 29.7175, 82.4542 looks on a white background.

Color Contrast Check

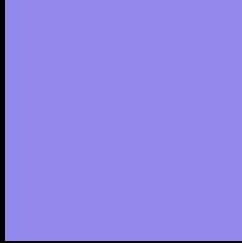
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6536, 29.7175, 82.4542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

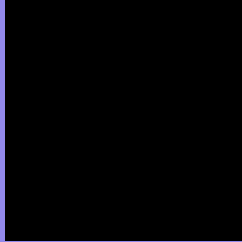
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6536, 29.7175, 82.4542

Background



This preview shows how black text looks on a background with the XYZ color 35.6536, 29.7175, 82.4542.



This preview shows how white text looks on a background with the XYZ color 35.6536, 29.7175,

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

35.6536, 29.7175, 82.4542

Protanopia

32.6097, 29.9731, 88.8607

Deuteranopia

30.7489, 29.8896, 80.4926



Tritanopia

26.9823, 29.8039, 39.4526

Trichromacy



Original Color

35.6536, 29.7175, 82.4542

Protanomaly

33.4272, 29.7748, 86.4234

Deuteranomaly

32.2890, 29.7516, 81.1316

Tritanomaly

29.5648, 29.4264, 52.8368

Monochromacy



Original Color

35.6536, 29.7175, 82.4542

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.8603, 29.9766, 47.8756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6536, 29.7175, 82.4542 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(146, 136, 235)` looks like.

```
.text, #text, p{  
    color:rgb(146, 136, 235)  
}
```

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(146, 136, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 136, 235) }
```

Border

The CSS property to change the border of an element to XYZ 35.6536, 29.7175, 82.4542 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(146, 136, 235) }
```


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

```
.border{ border-color:rgb(146, 136, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 136, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 136, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 136, 235);  
box-shadow:4px 4px 4px 4px rgb(146, 136,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6536, 29.7175, 82.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 136, 235) }
```

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

```
.background{ background-color: rgb(146,  
136, 235) }
```

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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