

Converting Colors

XYZ(35.4104, 29.1543, 81.6039)

Have a look what the booklet for
XYZ(35.4104, 29.1543, 81.6039)
contains.

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Color

**XYZ(35.4090, 29.1938,
81.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	9386EA
RGB	147, 134, 234
RGB Percent	58%, 53%, 92%
CMY	0.4235, 0.4745, 0.0824
CMYK	0.37, 0.43, 0.00, 0.08
HSL	248°, 70%, 72%
HSV	248°, 43%, 92%
XYZ	35.4090, 29.1938, 81.6106
YIQ	149.2870, -24.3520, 33.8560

Conversions

Conversions Part 2

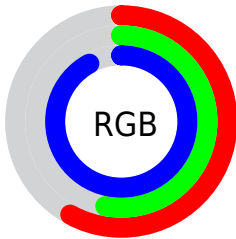
Format	Color
RYB	147, 134, 234
Decimal	9668330
CIELab	60.95, 28.08, -49.00
CIElCh	61, 56.474, 299.818
Yxy	29.1938, 0.2422, 0.1997
Android (android.graphics.Color)	4287858410 (0xFF9386EA)
YUV	149.2870, 41.7635, -2.0057
Hunter-Lab	54.0313, 22.4239, -51.7316

Details

The XYZ color **35.4090, 29.1938, 81.6106** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **63.5450, 75.9395, 33.8638**, and the grayscale version is **28.5258, 30.0114, 32.6824**.

A 20% lighter version of the original color is **60.7222, 55.5980, 102.1388**, and **15.6198, 11.8303, 43.5797** is the 20% darker color. If you saturate the color by 10%, you get **29.1923, 21.7078, 80.4939**, and if you desaturate by 10%, it is **42.9894, 38.4459, 82.9975**.

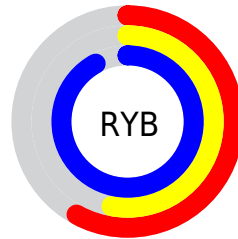
Distribution



Red (58%)

Green (53%)

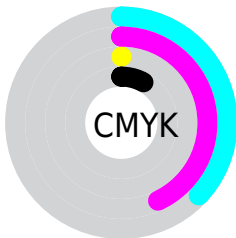
Blue (92%)



Red (58%)

Yellow (53%)

Blue (92%)

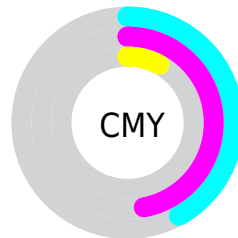


Cyan (37%)

Magenta (43%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (47%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4090, 29.1938, 81.6106 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 35.4090, 29.1938, 81.6106 by changing the saturation by 10% instead.

■ 35.4090, 29.1938,
81.6106

■ 35.4090, 29.1938,
81.6106

317.8464,
298.1283, 520.1934

■ 24.1461, 19.2275,
60.5107

■ 67.4487, 58.3849,
137.4596

■ 15.5673, 11.8348,
43.4024

■ 88.9563, 78.3784,
173.0457

■ 9.3074, 6.6313,
29.8672

■ 114.6094,
102.4831, 214.2976

■ 5.0010, 3.2326,
19.4866

144.7735,
131.0834, 261.6339

■ 2.2826, 1.2543,
11.8421

179.8139,
164.5636, 315.4731

■ 0.7857, 0.1054,
6.5150

220.0960,

■ 0.0000, 0.0000,

203.3083, 376.2337

3.0869

265.9850,
247.7017, 444.3343

■ 0.0000, 0.0000,
1.1392

■ 0.0000, 0.0000,
0.0000

■ 35.4090, 29.1938,
81.6106

■ 35.4090, 29.1938,
81.6106

■ 29.1923, 21.7078,
80.4939

■ 42.9894, 38.4459,
82.9975

■ 24.2542, 15.8716,
79.6276

■ 52.0051, 49.5639,
84.6683

■ 20.5050, 11.5602,
78.9931

■ 62.5266, 62.6439,
86.6384

■ 17.8419, 8.6289,
78.5676

■ 74.6187, 77.7743,
88.9216

■ 16.1435, 6.9043,
78.3242

■ 88.3425, 95.0384,
91.5306

■ 15.3992, 6.2230,
78.2320

■ 91.8514, 98.7206,
92.0563

Harmonies

Analogous

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



27.7029, 29.1938, 92.1067



35.4090, 29.1938, 81.6106



41.8913, 29.1938, 56.8723

Triad

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



35.4090, 29.1938, 81.6106



35.5006, 29.1938, 8.0261



15.8509, 29.1938, 31.6586

Complementary

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



35.4090, 29.1938, 81.6106



63.5450, 75.9395, 33.8638

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.



17.2108, 29.1938, 15.4358



35.4090, 29.1938, 81.6106



27.7928, 29.1938, 6.0225

Square

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



35.4090, 29.1938, 81.6106



41.9505, 29.1938, 15.5738



21.2800, 29.1938, 7.9748



17.1781, 29.1938, 56.5445

Rectangle

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



35.4090, 29.1938, 81.6106



44.1662, 29.1938, 39.5157



21.2800, 29.1938, 7.9748



16.0050, 29.1938, 25.1382

Sweetspot

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



35.4101, 29.1949, 81.6113



75.5457, 75.5775, 105.2140



50.8935, 63.4294, 87.4032



15.5312, 15.3808, 22.4002



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.



35.4101, 29.1949, 81.6113



36.5083, 27.6128, 98.0134



46.0556, 34.6828, 82.1095



14.4132, 14.6428, 18.9889



8.7114, 3.5268, 43.9646



0.7425, 0.3071, 3.4550

Inverse Universe

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



55.5085, 39.7639, 73.1560



64.0134, 42.0930, 85.7106



50.8132, 69.3760, 33.2680



15.6256, 15.2781, 18.5799



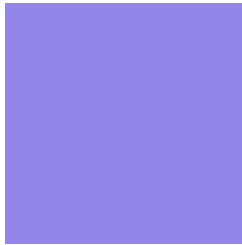
25.1973, 12.2816, 33.1702



2.0021, 0.9738, 2.7284

Previews

White Background



This preview shows how the XYZ color 35.4090, 29.1938, 81.6106 looks on a white background.

Color Contrast Check

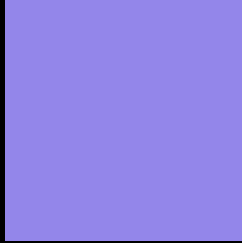
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4090, 29.1938, 81.6106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

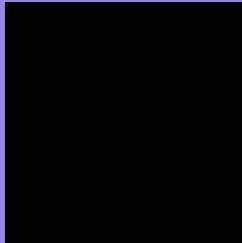
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4090, 29.1938, 81.6106

Background



This preview shows how black text looks on a background with the XYZ color 35.4090, 29.1938, 81.6106.



This preview shows how white text looks on a background with the XYZ color 35.4090, 29.1938,

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

35.4090, 29.1938, 81.6106

Protanopia

32.2143, 29.5434, 88.7986

Deuteranopia

30.2244, 29.4037, 79.6838



Tritanopia

26.7880, 29.2466, 38.4157

Trichromacy



Original Color

35.4090, 29.1938, 81.6106

Protanomaly

33.1323, 29.1850, 86.3251

Deuteranomaly

31.7097, 29.0237, 80.2748

Tritanomaly

29.3669, 28.8957, 51.6066

Monochromacy



Original Color

35.4090, 29.1938, 81.6106

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.4242, 29.5377, 47.2778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4090, 29.1938, 81.6106 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(147, 134, 234)` looks like.

```
.text, #text, p{  
    color:rgb(147, 134, 234)  
}
```

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(147, 134, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 234) }
```

Border

The CSS property to change the border of an element to XYZ 35.4090, 29.1938, 81.6106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

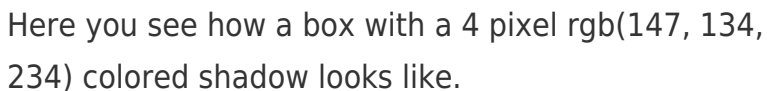
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 134, 234) }
```


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

```
.border{ border-color:rgb(147, 134, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 134, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 234);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4090, 29.1938, 81.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 234) }
```

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

```
.background{ background-color: rgb(147,  
134, 234) }
```

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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