

Converting Colors

XYZ(35.9751, 29.6570, 92.9491)

Have a look what the booklet for
XYZ(35.9751, 29.6570, 92.9491)
contains.

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Color

**XYZ(35.9008, 29.6199,
92.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	8888F8
RGB	136, 136, 248
RGB Percent	53%, 53%, 97%
CMY	0.4666, 0.4667, 0.0274
CMYK	0.45, 0.45, 0.00, 0.03
HSL	240°, 89%, 75%
HSV	240°, 45%, 97%
XYZ	35.9008, 29.6199, 92.6320
YIQ	148.7680, -35.9520, 34.8320

Conversions

Conversions Part 2

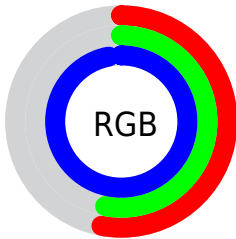
Format	Color
R_{YB}	136, 136, 248
Decimal	8947960
CIE _{Lab}	61.32, 28.13, -56.19
CIE _{LCh}	61, 62.840, 296.597
Y _{xy}	29.6199, 0.2270, 0.1873
Android (android.graphics.Color)	4287138040 (0xFF8888F8)
YUV	148.7680, 48.9214, -11.1975
Hunter-Lab	54.4242, 22.5049, -62.8169

Details

The XYZ color **35.9008, 29.6199, 92.6320** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.7224, 88.8690, 36.4031**, and the grayscale version is **28.2827, 29.7556, 32.4039**.

A 20% lighter version of the original color is **58.4957, 55.0845, 102.1571**, and **15.8736, 12.0369, 50.7769** is the 20% darker color. If you saturate the color by 10%, you get **29.2313, 21.5832, 91.4329**, and if you desaturate by 10%, it is **44.3123, 39.7548, 94.1455**.

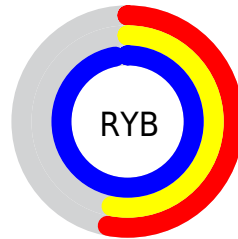
Distribution



Red (53%)

Green (53%)

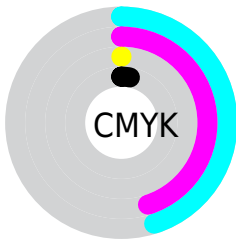
Blue (97%)



Red (53%)

Yellow (53%)

Blue (97%)

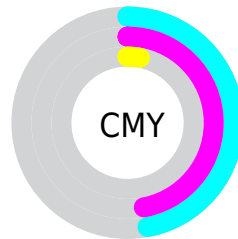


Cyan (45%)

Magenta (45%)

Yellow (0%)

Black (3%)



Cyan (47%)

Magenta (47%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9008, 29.6199, 92.6320 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 35.9008, 29.6199, 92.6320 by changing the saturation by 10% instead.

■ 35.9008, 29.6199,
92.6320

■ 35.9008, 29.6199,
92.6320

319.9656,
300.1287, 557.3455

■ 24.5273, 19.5503,
69.5797

■ 68.2038, 59.0606,
152.9563

■ 15.8521, 12.0686,
50.7093

■ 89.8641, 79.2004,
191.0654

■ 9.5097, 6.7904,
35.6022

■ 115.6840,
103.4657, 235.0306

■ 5.1349, 3.3314,
23.8399

146.0289,
132.2409, 285.2703

■ 2.3622, 1.3071,
15.0038

181.2641,
165.9104, 342.2031

■ 0.8262, 0.1467,
8.6754

221.7551,

■ 0.0000, 0.0000,

204.8586, 406.2475

4.4361

267.8671,
249.4699, 477.8221

■ 0.0000, 0.0000,
1.8675

■ 0.0000, 0.0000,
0.4720

■ 35.9008, 29.6199,
92.6320

■ 35.9008, 29.6199,
92.6320

■ 29.2313, 21.5832,
91.4329

■ 44.3123, 39.7548,
94.1455

■ 24.1786, 15.4951,
90.5241

■ 54.5722, 52.1174,
95.9910

■ 20.6065, 11.1909,
89.8816

■ 66.7828, 66.8304,
98.1873

■ 18.3549, 8.4780,
89.4766

■ 81.0376, 84.0067,
100.7513

■ 17.2266, 7.1186,
89.2736

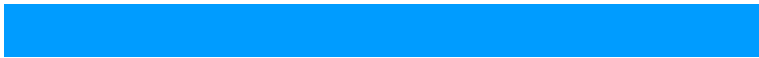
■ 93.9434, 99.5574,
103.0727

■ 16.9435, 6.7774,
89.2227

Harmonies

Analogous

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



27.2181, 29.6199, 102.5553



35.9008, 29.6199, 92.6320



43.6485, 29.6199, 64.4364

Triad

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



35.9008, 29.6199, 92.6320



37.8608, 29.6199, 7.1953



15.0610, 29.6199, 29.6188

Complementary

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



35.9008, 29.6199, 92.6320



76.7224, 88.8690, 36.4031

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.



16.8419, 29.6199, 13.0957



35.9008, 29.6199, 92.6320



29.1088, 29.6199, 4.7873

Square

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



35.9008, 29.6199, 92.6320



44.9271, 29.6199, 15.8390



21.6084, 29.6199, 6.2447



16.1796, 29.6199, 57.2805

Rectangle

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



35.9008, 29.6199, 92.6320



46.6577, 29.6199, 44.0196



21.6084, 29.6199, 6.2447



15.3300, 29.6199, 22.7926

Sweetspot

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



35.9020, 29.6209, 92.6327



72.7639, 73.1465, 104.8914



60.6647, 79.1471, 100.8871



14.9226, 14.8709, 22.3338



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.



35.9020, 29.6209, 92.6327



31.8233, 23.8156, 97.5273



47.4864, 35.5929, 93.1749



16.2832, 16.6431, 21.7395



9.1528, 3.6611, 48.1978



0.8477, 0.3391, 4.4639

Inverse Universe

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



64.4591, 44.3427, 93.9668



65.6857, 41.2724, 99.1090



59.7503, 80.1196, 35.6088



17.9931, 17.5246, 21.8194



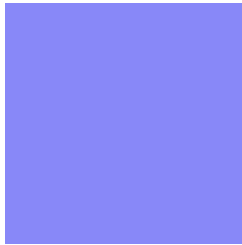
30.0641, 14.4414, 49.1737



2.7845, 1.3375, 4.5544

Previews

White Background



This preview shows how the XYZ color 35.9008, 29.6199, 92.6320 looks on a white background.

Color Contrast Check

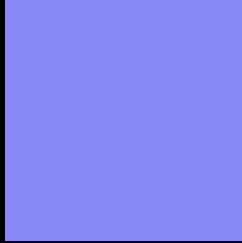
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9008, 29.6199, 92.6320 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 35.9008, 29.6199, 92.6320

Background



This preview shows how black text looks on a background with the XYZ color 35.9008, 29.6199, 92.6320.



This preview shows how white text looks on a background with the XYZ color 35.9008, 29.6199,

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

35.9008, 29.6199, 92.6320

Protanopia

33.1688, 29.8192, 98.6152

Deuteranopia

30.8850, 29.9723, 90.5436



Tritanopia

25.4701, 29.4786, 40.9067

Trichromacy



Original Color

35.9008, 29.6199, 92.6320

Protanomaly

33.7777, 29.5228, 96.0137

Deuteranomaly

32.2013, 29.4839, 91.1825

Tritanomaly

28.4236, 28.9905, 56.3222

Monochromacy



Original Color

35.9008, 29.6199, 92.6320

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2318, 29.3786, 49.9762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9008, 29.6199, 92.6320 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(136, 136, 248)` looks like.

```
.text, #text, p{  
    color:rgb(136, 136, 248)  
}
```

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(136, 136, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 136, 248) }
```

Border

The CSS property to change the border of an element to XYZ 35.9008, 29.6199, 92.6320 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(136, 136, 248) }
```


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

```
.border{ border-color:rgb(136, 136, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 136, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 136, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 136, 248);  
box-shadow:4px 4px 4px 4px rgb(136, 136,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9008, 29.6199, 92.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 136, 248) }
```

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

```
.background{ background-color: rgb(136,  
136, 248) }
```

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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