

Converting Colors

XYZ(39.3935, 34.2628, 84.6579)

Have a look what the booklet for
XYZ(39.3935, 34.2628, 84.6579)
contains.

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Color

**XYZ(39.3935, 34.2628,
84.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	9B94ED
RGB	155, 148, 237
RGB Percent	61%, 58%, 93%
CMY	0.3921, 0.4196, 0.0706
CMYK	0.35, 0.38, 0.00, 0.07
HSL	245°, 71%, 75%
HSV	245°, 38%, 93%
XYZ	39.3935, 34.2628, 84.6579
YIQ	160.2390, -24.3970, 29.1630

Conversions

Conversions Part 2

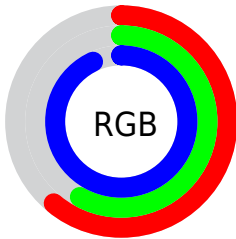
Format	Color
RYB	155, 148, 237
Decimal	10196205
CIELab	65.17, 22.92, -43.96
CIELCh	65, 49.573, 297.535
Yxy	34.2628, 0.2488, 0.2164
Android (android.graphics.Color)	4288386285 (0xFF9B94ED)
YUV	160.2390, 37.8432, -4.5946
Hunter-Lab	58.5344, 17.6947, -44.7766

Details

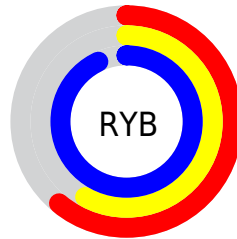
The XYZ color **39.3935, 34.2628, 84.6579** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **68.2632, 79.5301, 39.7712**, and the grayscale version is **33.3638, 35.1013, 38.2253**.

A 20% lighter version of the original color is **66.3219, 63.4581, 103.3608**, and **17.8707, 14.5949, 45.5913** is the 20% darker color. If you saturate the color by 10%, you get **32.2312, 25.6060, 83.3651**, and if you desaturate by 10%, it is **48.0771, 44.8348, 86.2415**.

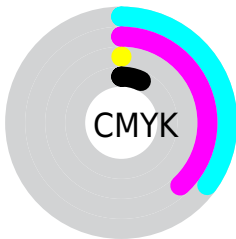
Distribution



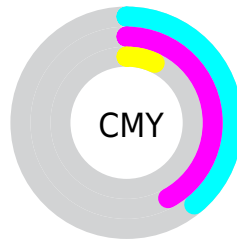
- Red (61%)
- Green (58%)
- Blue (93%)



- Red (61%)
- Yellow (58%)
- Blue (93%)



- Cyan (35%)
- Magenta (38%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3935, 34.2628, 84.6579 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 39.3935, 34.2628, 84.6579 by changing the saturation by 10% instead.

■ 39.3935, 34.2628,
84.6579

■ 39.3935, 34.2628,
84.6579

334.7390,
321.3023, 530.6104

■ 27.2481, 23.0956,
63.0102

■ 73.5293, 66.3421,
141.7650

■ 17.8972, 14.6641,
45.4084

■ 96.2504, 88.0230,
178.0616

■ 10.9754, 8.5840,
31.4340

123.2274,
113.9773, 220.0781

■ 6.1175, 4.4708,
20.6683

154.8257,
144.5892, 268.2333

■ 2.9580, 1.9403,
12.6929

191.4107,
180.2433, 322.9455

■ 1.1316, 0.5724,
7.0892

233.3477,

■ 0.0513, 0.0000,

221.3239, 384.6335

3.4386

281.0020,
268.2154, 453.7156

■ 0.0000, 0.0000,
1.3227

■ 0.0000, 0.0000,
0.0803

■ 39.3935, 34.2628,
84.6579

■ 39.3935, 34.2628,
84.6579

■ 32.2312, 25.6060,
83.3651

■ 48.0771, 44.8348,
86.2415

■ 26.4987, 18.7459,
82.3431

■ 58.3588, 57.4233,
88.1294

■ 22.1008, 13.5571,
81.5733

■ 70.3147, 72.1269,
90.3373

■ 18.9288, 9.8959,
81.0339

■ 84.0150, 89.0366,
92.8791

■ 16.8568, 7.5948,
80.6989

■ 92.2862, 98.8945,
94.3460

■ 15.7256, 6.4345,
80.5346

■ 15.5478, 6.2493,
80.5082

Harmonies

Analogous

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



31.9741, 34.2628, 92.5846



39.3935, 34.2628, 84.6579



45.6970, 34.2628, 62.8893

Triad

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



39.3935, 34.2628, 84.6579



40.5757, 34.2628, 12.8583



20.6012, 34.2628, 35.6274

Complementary

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



39.3935, 34.2628, 84.6579



68.2632, 79.5301, 39.7712

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.



22.2270, 34.2628, 19.8159



39.3935, 34.2628, 84.6579



33.1647, 34.2628, 10.0621

Square

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



39.3935, 34.2628, 84.6579



46.4472, 34.2628, 21.8163



26.5764, 34.2628, 12.0383



21.7687, 34.2628, 58.7988

Rectangle

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



39.3935, 34.2628, 84.6579



48.0384, 34.2628, 46.5340



26.5764, 34.2628, 12.0383



20.8331, 34.2628, 29.3871

Sweetspot

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



39.3948, 34.2641, 84.6587



77.8684, 78.8146, 105.7164



56.0943, 69.6003, 90.5991



16.2509, 16.3577, 22.5508



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.



39.3948, 34.2641, 84.6587



39.9095, 32.4649, 98.7706



49.2801, 39.3602, 85.1213



14.3410, 14.6055, 18.9855



8.5305, 3.4336, 43.9561



0.7081, 0.2893, 3.4534

Inverse Universe

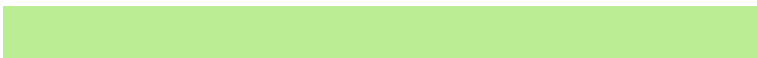
The Inverse Universe completely reimagines the original color for something new.



59.7987, 44.8986, 80.3778



67.2852, 46.7415, 92.6435



56.0181, 73.2175, 39.1981



15.6607, 15.2921, 18.7646



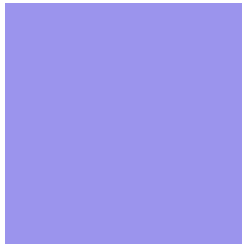
26.0252, 12.6128, 37.5295



2.0588, 0.9965, 3.0271

Previews

White Background



This preview shows how the XYZ color 39.3935, 34.2628, 84.6579 looks on a white background.

Color Contrast Check

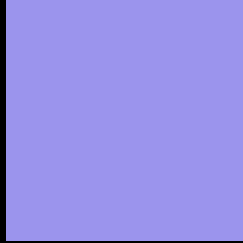
Large Text (above 18pt) WCAG AA × Fail

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 39.3935, 34.2628, 84.6579 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 ✓ Pass

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

XYZ 39.3935, 34.2628, 84.6579

Background



This preview shows how black text looks on a background with the XYZ color 39.3935, 34.2628, 84.6579.



This preview shows how white text looks on a background with the XYZ color 39.3935, 34.2628,

84.6579.

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

39.3935, 34.2628, 84.6579

Protanopia

36.5032, 34.3494, 89.5002

Deuteranopia

35.3645, 34.3972, 83.3727



Tritanopia

31.3694, 34.2085, 44.9939

Trichromacy



Original Color

39.3935, 34.2628, 84.6579

Protanomaly

37.4219, 34.1257, 87.8337

Deuteranomaly

36.6876, 34.3182, 84.0473

Tritanomaly

33.8206, 33.9191, 57.5878

Monochromacy



Original Color

39.3935, 34.2628, 84.6579

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.0661, 34.6769, 52.4221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3935, 34.2628, 84.6579 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(155, 148, 237)` looks like.

```
.text, #text, p{  
    color:rgb(155, 148, 237)  
}
```

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(155, 148, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 148, 237) }
```

Border

The CSS property to change the border of an element to XYZ 39.3935, 34.2628, 84.6579 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(155, 148, 237) }
```


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

```
.border{ border-color:rgb(155, 148, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 148, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 148, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 148, 237); box-shadow:4px 4px 4px 4px rgb(155, 148, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3935, 34.2628, 84.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 148, 237) }
```

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

```
.background{ background-color: rgb(155,  
148, 237) }
```

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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