

Converting Colors

XYZ(35.0270, 34.4445, 97.7328)

Have a look what the booklet for
XYZ(35.0270, 34.4445, 97.7328)
contains.

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Color

**XYZ(35.0575, 34.4295,
97.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	619FFD
RGB	97, 159, 253
RGB Percent	38%, 62%, 99%
CMY	0.6196, 0.3765, 0.0078
CMYK	0.62, 0.37, 0.00, 0.01
HSL	216°, 98%, 69%
HSV	216°, 62%, 99%
XYZ	35.0575, 34.4295, 97.7263
YIQ	151.1780, -67.1260, 16.0900

Conversions

Conversions Part 2

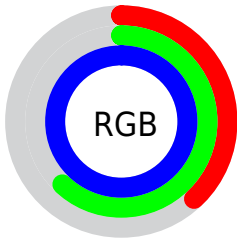
Format	Color
R _Y B	97, 141, 253
Decimal	6397949
CIE Lab	65.30, 8.14, -52.75
CIE LCh	65, 53.370, 278.771
Yxy	34.4295, 0.2097, 0.2059
Android (android.graphics.Color)	4284588029 (0xFF619FFD)
YUV	151.1780, 50.1982, -47.5141
Hunter-Lab	58.6767, 3.9641, -57.6742

Details

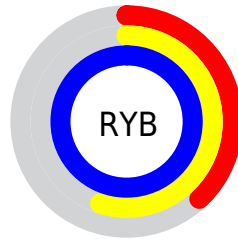
The XYZ color **35.0575, 34.4295, 97.7263** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **61.2987, 59.0108, 19.4707**, and the grayscale version is **29.3055, 30.8316, 33.5757**.

A 20% lighter version of the original color is **56.1423, 62.1794, 103.6506**, and **15.3764, 14.7365, 54.2585** is the 20% darker color. If you saturate the color by 10%, you get **30.3169, 28.3312, 96.7998**, and if you desaturate by 10%, it is **40.9834, 41.6198, 98.8026**.

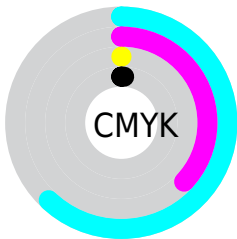
Distribution



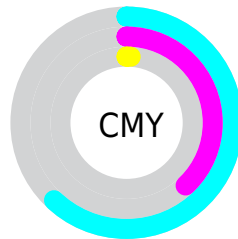
- Red (38%)
- Green (62%)
- Blue (99%)



- Red (38%)
- Yellow (55%)
- Blue (99%)



- Cyan (62%)
- Magenta (37%)
- Yellow (0%)
- Black (1%)



- Cyan (62%)
- Magenta (38%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0575, 34.4295, 97.7263 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 35.0575, 34.4295, 97.7263 by changing the saturation by 10% instead.

■ 35.0575, 34.4295,
97.7263

■ 35.0575, 34.4295,
97.7263

316.3256,
322.0430, 574.0624

■ 23.8739, 23.2237,
73.7968

■ 66.9083, 66.6010,
160.0536

■ 15.3643, 14.7588,
54.1319

■ 88.3061, 88.3356,
199.2884

■ 9.1635, 8.6503,
38.3133

■ 113.8395,
114.3485, 244.4621

■ 4.9059, 4.5138,
25.9222

■ 143.8736,
145.0243, 295.9932

■ 2.2264, 1.9649,
16.5402

178.7740,
180.7472, 354.3003

■ 0.7566, 0.5870,
9.7487

218.9059,

■ 0.0000, 0.0000,

221.9017, 419.8018

5.1293

264.6346,
268.8721, 492.9163

■ 0.0000, 0.0000,
2.2632

■ 0.0000, 0.0000,
0.7105

■ 35.0575, 34.4295,
97.7263

■ 35.0575, 34.4295,
97.7263

■ 30.3169, 28.3312,
96.7998

■ 40.9834, 41.6198,
98.8026

■ 26.6609, 23.2542,
96.0125

■ 48.1756, 49.9589,
100.0331

■ 23.9761, 19.1221,
95.3564

■ 56.7119, 59.5032,
101.4254

■ 22.3395, 16.3113,
94.9002

■ 66.6624, 70.3039,
102.9857

■ 78.0922, 82.4088,
104.7198

■ 91.0618, 95.8631,
106.6332

94.7298, 99.8719,
107.2136

Harmonies

Analogous

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



27.6036, 34.4295, 93.2418



35.0575, 34.4295, 97.7263



43.0080, 34.4295, 81.7615

Triad

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



35.0575, 34.4295, 97.7263



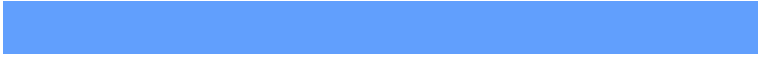
45.8196, 34.4295, 16.5591



20.6725, 34.4295, 24.0229

Complementary

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



35.0575, 34.4295, 97.7263



61.2987, 59.0108, 19.4707

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.



24.2261, 34.4295, 13.0333



35.0575, 34.4295, 97.7263



38.4418, 34.4295, 10.0641

Square

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



35.0575, 34.4295, 97.7263



49.8359, 34.4295, 31.3301



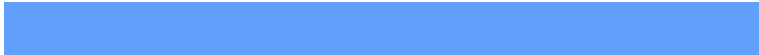
30.4968, 34.4295, 9.0962



20.0605, 34.4295, 44.4039

Rectangle

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



35.0575, 34.4295, 97.7263



47.2461, 34.4295, 64.3576



30.4968, 34.4295, 9.0962



21.5321, 34.4295, 19.3821

Sweetspot

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



35.0588, 34.4306, 97.7272



71.9353, 75.9150, 105.4694



49.4166, 76.5371, 61.2305



14.6990, 15.5047, 22.4679



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.



35.0588, 34.4306, 97.7272



29.8850, 27.5247, 98.3454



28.7649, 19.1275, 95.1051



17.5953, 18.5623, 22.9055



12.0163, 8.9422, 50.5273



1.2732, 1.0770, 4.9541

Inverse Universe

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



51.0419, 31.9370, 36.2760



48.0353, 27.1234, 28.0169



72.3429, 89.1880, 24.7134



18.3084, 18.1067, 20.2411



22.8535, 11.6307, 7.8789



2.2772, 1.1533, 1.0414

Previews

White Background



This preview shows how the XYZ color 35.0575, 34.4295, 97.7263 looks on a white background.

Color Contrast Check

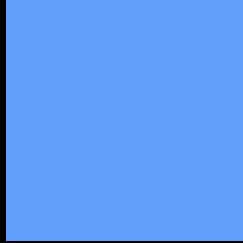
Large Text (above 18pt) WCAG AA × Fail

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 35.0575, 34.4295, 97.7263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

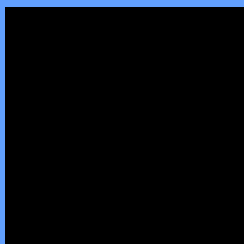
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

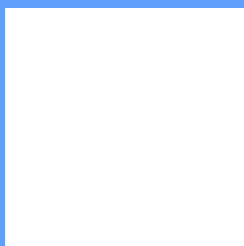
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0575, 34.4295, 97.7263

Background



This preview shows how black text looks on a background with the XYZ color 35.0575, 34.4295, 97.7263.



This preview shows how white text looks on a background with the XYZ color 35.0575, 34.4295,

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

35.0575, 34.4295, 97.7263

Protanopia

36.8463, 34.4198, 94.3242

Deuteranopia

35.4360, 34.3703, 97.6950



Tritanopia

26.0932, 34.5988, 52.3167

Trichromacy



Original Color

35.0575, 34.4295, 97.7263

Protanomaly

35.9538, 34.1898, 95.1468

Deuteranomaly

35.2120, 34.2549, 97.6845

Tritanomaly

28.8211, 34.2862, 66.7269

Monochromacy



Original Color

35.0575, 34.4295, 97.7263

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9928, 31.5673, 52.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0575, 34.4295, 97.7263 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(97, 159, 253)` looks like.

```
.text, #text, p{  
    color:rgb(97, 159, 253)  
}
```

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(97, 159, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 159, 253) }
```

Border

The CSS property to change the border of an element to XYZ 35.0575, 34.4295, 97.7263 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(97, 159, 253) }
```


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

```
.border{ border-color:rgb(97, 159, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 159, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 159, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 159, 253);  
box-shadow:4px 4px 4px 4px rgb(97, 159,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0575, 34.4295, 97.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 159, 253) }
```

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

```
.background{ background-color: rgb(97, 159,  
253) }
```

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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