

Converting Colors

XYZ(35.2369, 34.7413, 99.4563)

Have a look what the booklet for
XYZ(35.2369, 34.7413, 99.4563)
contains.

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Color

**XYZ(35.2369, 34.7413,
99.4563)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA0FF
RGB	94, 160, 255
RGB Percent	37%, 63%, 100%
CMY	0.6313, 0.3725, 0.0000
CMYK	0.63, 0.37, 0.00, 0.00
HSL	215°, 100%, 68%
HSV	215°, 63%, 100%
XYZ	35.2369, 34.7413, 99.4563
YIQ	151.0960, -69.8310, 15.5530

Conversions

Conversions Part 2

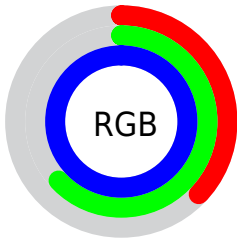
Format	Color
R _{YB}	94, 141, 255
Decimal	6201599
CIE Lab	65.55, 7.69, -53.46
CIE LCh	66, 54.006, 278.191
Yxy	34.7413, 0.2080, 0.2050
Android (android.graphics.Color)	4284391679 (0xFF5EA0FF)
YUV	151.0960, 51.2247, -50.0732
Hunter-Lab	58.9418, 3.5638, -58.7847

Details

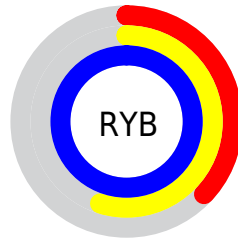
The XYZ color **35.2369, 34.7413, 99.4563** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **61.4599, 58.4666, 18.6377**, and the grayscale version is **29.2671, 30.7913, 33.5317**.

A 20% lighter version of the original color is **56.0012, 62.4812, 103.7162**, and **15.6617, 15.0145, 55.4987** is the 20% darker color. If you saturate the color by 10%, you get **30.5880, 28.7043, 98.5361**, and if you desaturate by 10%, it is **41.0673, 41.8570, 100.5225**.

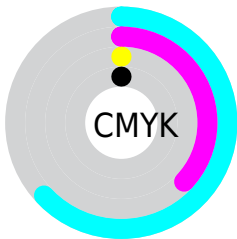
Distribution



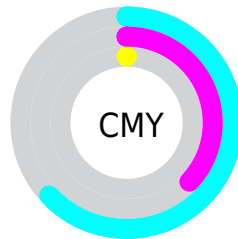
- Red (37%)
- Green (63%)
- Blue (100%)



- Red (37%)
- Yellow (55%)
- Blue (100%)



- Cyan (63%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2369, 34.7413, 99.4563 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 35.2369, 34.7413, 99.4563 by changing the saturation by 10% instead.

■ 35.2369, 34.7413,
99.4563

■ 35.2369, 34.7413,
99.4563

317.1025,
323.4250, 579.6799

■ 24.0128, 23.4637,
75.2322

■ 67.1842, 67.0848,
162.4552

■ 15.4679, 14.9362,
55.3003

■ 88.6381, 88.9195,
202.0670

■ 9.2369, 8.7747,
39.2419

■ 114.2327,
115.0419, 247.6452

■ 4.9543, 4.5945,
26.6387

■ 144.3332,
145.8366, 299.6082

■ 2.2550, 2.0114,
17.0720

179.3051,
181.6878, 358.3747

■ 0.7715, 0.6141,
10.1234

219.5137,

■ 0.0000, 0.0000,

222.9800, 424.3631

5.3742

265.3244,
270.0976, 497.9920

■ 0.0000, 0.0000,
2.4059

■ 0.0000, 0.0000,
0.7896

■ 35.2369, 34.7413,
99.4563

■ 35.2369, 34.7413,
99.4563

■ 30.5880, 28.7043,
98.5361

■ 41.0673, 41.8570,
100.5225

■ 27.0170, 23.6745,
97.7534

■ 48.1629, 50.1091,
101.7413

■ 24.4052, 19.5736,
97.0995

■ 56.6034, 59.5541,
103.1195

■ 23.0537, 17.2274,
96.7179

■ 66.4605, 70.2433,
104.6632

■ 77.8004, 82.2249,
106.3782

■ 90.6850, 95.5440,
108.2700

■ 95.0500, 100.0000,
108.9000

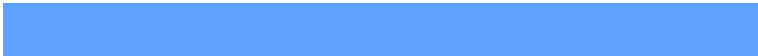
Harmonies

Analogous

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



27.6825, 34.7413, 94.4467



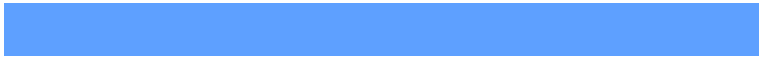
35.2369, 34.7413, 99.4563



43.3535, 34.7413, 83.4716

Triad

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



35.2369, 34.7413, 99.4563



46.4860, 34.7413, 16.7701



20.8093, 34.7413, 23.8340

Complementary

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



35.2369, 34.7413, 99.4563



61.4599, 58.4666, 18.6377

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.



24.4756, 34.7413, 12.8694



35.2369, 34.7413, 99.4563



39.0041, 34.7413, 10.0739

Square

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



35.2369, 34.7413, 99.4563



50.4931, 34.7413, 31.9506



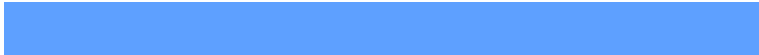
30.8992, 34.7413, 9.0066



20.1302, 34.7413, 44.3839

Rectangle

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



35.2369, 34.7413, 99.4563



47.7175, 34.7413, 65.7693



30.8992, 34.7413, 9.0066



21.7013, 34.7413, 19.1891

Sweetspot

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



35.2381, 34.7424, 99.4564



70.9647, 75.0369, 105.3511



49.4455, 77.5276, 59.8902



14.5164, 15.3460, 22.4469



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.



35.2381, 34.7424, 99.4564



29.4589, 27.1627, 98.2980



28.1681, 18.3792, 96.6707



17.6145, 18.6006, 22.9118



12.1842, 9.2779, 50.5832



1.2906, 1.1120, 4.9599

Inverse Universe

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



51.5888, 31.8051, 36.6785



47.7005, 26.5313, 27.6667



74.2561, 91.1320, 24.2683



18.3181, 18.1105, 20.2920



22.9382, 11.6646, 8.3250



2.2861, 1.1568, 1.0878

Previews

White Background



This preview shows how the XYZ color 35.2369, 34.7413, 99.4563 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 35.2369, 34.7413, 99.4563 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

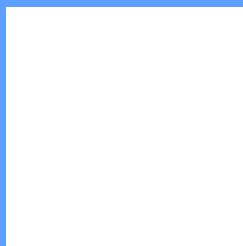
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2369, 34.7413, 99.4563

Background



This preview shows how black text looks on a background with the XYZ color 35.2369, 34.7413, 99.4563.



This preview shows how white text looks on a background with the XYZ color 35.2369, 34.7413,

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

35.2369, 34.7413, 99.4563

Protanopia

37.1600, 34.5453, 95.9762

Deuteranopia

35.8150, 34.7830, 99.4339



Tritanopia

26.0168, 34.8328, 52.9291

Trichromacy



Original Color

35.2369, 34.7413, 99.4563

Protanomaly

36.3097, 34.5870, 96.8577

Deuteranomaly

35.4851, 34.6129, 99.4184

Tritanomaly

28.7441, 34.5071, 67.4329

Monochromacy



Original Color

35.2369, 34.7413, 99.4563

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9468, 31.5312, 52.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2369, 34.7413, 99.4563 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(94, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 160, 255)  
}
```

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(94, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 160, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.2369, 34.7413, 99.4563 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(94, 160, 255) }
```


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

```
.border{ border-color:rgb(94, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 160,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2369, 34.7413, 99.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 160, 255) }
```

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

```
.background{ background-color: rgb(94, 160,  
255) }
```

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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