

Converting Colors

XYZ(35.6696, 34.3242, 99.3530)

Have a look what the booklet for
XYZ(35.6696, 34.3242, 99.3530)
contains.

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Color

**XYZ(35.5865, 34.1587,
99.3254)**

Conversions

Conversions Part 1

Format	Color
Hex	669DFF
RGB	102, 157, 255
RGB Percent	40%, 62%, 100%
CMY	0.6000, 0.3843, 0.0000
CMYK	0.60, 0.38, 0.00, 0.00
HSL	218°, 100%, 70%
HSV	218°, 60%, 100%
XYZ	35.5865, 34.1587, 99.3254
YIQ	151.7270, -64.2380, 18.8180

Conversions

Conversions Part 2

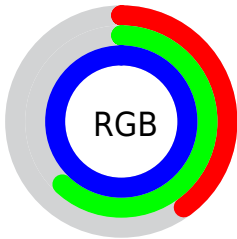
Format	Color
RYB	102, 142, 255
Decimal	6725119
CIELab	65.09, 10.85, -54.16
CIELCh	65, 55.237, 281.333
Yxy	34.1587, 0.2105, 0.2020
Android (android.graphics.Color)	4284915199 (0xFF669DFF)
YUV	151.7270, 50.9136, -43.6106
Hunter-Lab	58.4454, 6.4063, -59.8489

Details

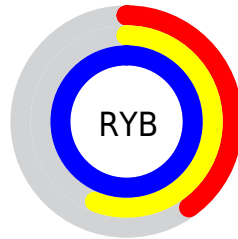
The XYZ color **35.5865, 34.1587, 99.3254** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **64.2946, 63.5313, 21.4467**, and the grayscale version is **29.5365, 31.0747, 33.8403**.

A 20% lighter version of the original color is **56.4485, 61.5951, 103.5216**, and **15.6780, 14.5559, 55.4093** is the 20% darker color. If you saturate the color by 10%, you get **30.5470, 27.7293, 98.3500**, and if you desaturate by 10%, it is **41.8864, 41.7872, 100.4658**.

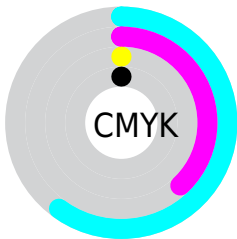
Distribution



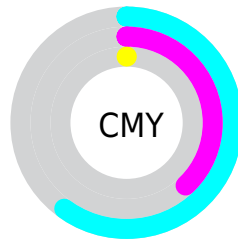
- Red (40%)
- Green (62%)
- Blue (100%)



- Red (40%)
- Yellow (56%)
- Blue (100%)



- Cyan (60%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5865, 34.1587, 99.3254 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 35.5865, 34.1587, 99.3254 by changing the saturation by 10% instead.

■ 35.5865, 34.1587,
99.3254

■ 35.5865, 34.1587,
99.3254

318.6124,
320.8391, 579.2559

■ 24.2836, 23.0155,
75.1235

■ 67.7214, 66.1804,
162.2736

■ 15.6700, 14.6050,
55.2118

■ 89.2842, 87.8277,
201.8570

■ 9.3803, 8.5426,
39.1715

■ 114.9976,
113.7452, 247.4047

■ 5.0492, 4.4441,
26.5843

145.2271,
144.3173, 299.3352

■ 2.3112, 1.9249,
17.0316

180.3380,
179.9283, 358.0670

■ 0.8004, 0.5633,
10.0948

220.6956,

■ 0.0000, 0.0000,

220.9627, 424.0187

5.3555

266.6653,
267.8048, 497.6088

■ 0.0000, 0.0000,
2.3949

■ 0.0000, 0.0000,
0.7837

■ 35.5865, 34.1587,
99.3254

■ 35.5865, 34.1587,
99.3254

■ 30.5470, 27.7293,
98.3500

■ 41.8864, 41.7872,
100.4658

■ 26.6652, 22.4231,
97.5304

■ 49.5305, 50.6771,
101.7789

■ 23.8261, 18.1583,
96.8569

■ 58.5992, 60.8896,
103.2721

■ 21.8484, 14.8166,
96.3161

■ 69.1652, 72.4807,
104.9525

■ 21.8478, 14.8155,
96.3159

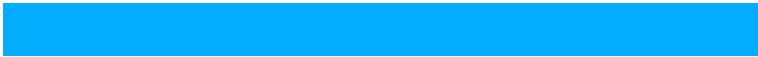
■ 81.2961, 85.5027,
106.8266

95.0500, 100.0000,
108.9000

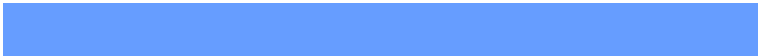
Harmonies

Analogous

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



27.7849, 34.1587, 96.5421



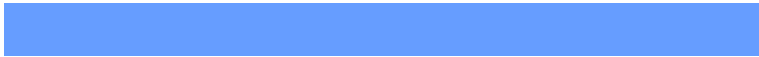
35.5865, 34.1587, 99.3254



43.7308, 34.1587, 81.0874

Triad

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



35.5865, 34.1587, 99.3254



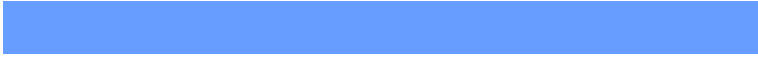
45.4512, 34.1587, 15.0146



19.9581, 34.1587, 24.7918

Complementary

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



35.5865, 34.1587, 99.3254



64.2946, 63.5313, 21.4467

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.



23.3250, 34.1587, 12.9399



35.5865, 34.1587, 99.3254



37.6472, 34.1587, 9.1104

Square

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



35.5865, 34.1587, 99.3254



50.0193, 34.1587, 29.1854



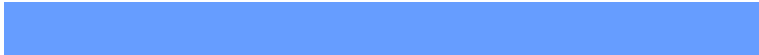
29.5350, 34.1587, 8.5508



19.5919, 34.1587, 46.5457

Rectangle

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



35.5865, 34.1587, 99.3254



47.9324, 34.1587, 62.6032



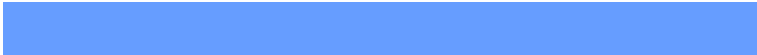
29.5350, 34.1587, 8.5508



20.7470, 34.1587, 19.7997

Sweetspot

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



35.5877, 34.1598, 99.3256



71.4602, 74.9647, 105.3110



51.5380, 78.4643, 66.4027



14.5840, 15.2747, 22.4296



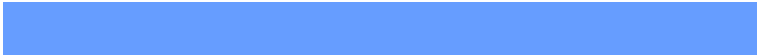
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5877, 34.1598, 99.3256



29.6799, 26.5787, 98.1736



30.8861, 20.8918, 97.0124



17.5374, 18.4463, 22.8861



11.5440, 7.9976, 50.3698



1.2230, 0.9767, 4.9373

Inverse Universe

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



52.0782, 33.1988, 35.5622



48.0625, 27.6350, 26.6168



72.2881, 90.0738, 26.1486



18.2791, 18.0950, 20.0871



22.6151, 11.5353, 6.6234



2.2519, 1.1431, 0.9081

Previews

White Background



This preview shows how the XYZ color 35.5865, 34.1587, 99.3254 looks on a white background.

Color Contrast Check

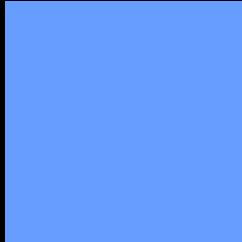
Large Text (above 18pt) WCAG AA × Fail

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 35.5865, 34.1587, 99.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

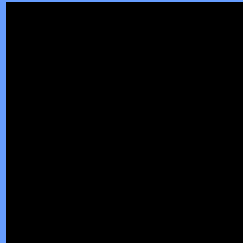
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

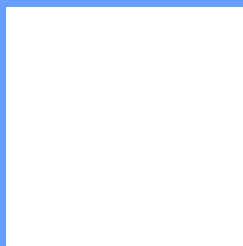
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5865, 34.1587, 99.3254

Background



This preview shows how black text looks on a background with the XYZ color 35.5865, 34.1587, 99.3254.



This preview shows how white text looks on a background with the XYZ color 35.5865, 34.1587,

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

35.5865, 34.1587, 99.3254

Protanopia

36.7340, 34.0614, 96.7339

Deuteranopia

35.3139, 34.2704, 99.3613



Tritanopia

26.1080, 34.3474, 51.1526

Trichromacy



Original Color

35.5865, 34.1587, 99.3254

Protanomaly

36.2610, 34.0452, 97.5887

Deuteranomaly

35.4224, 34.3264, 99.3664

Tritanomaly

28.9312, 34.0844, 66.0269

Monochromacy



Original Color

35.5865, 34.1587, 99.3254

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.5724, 31.8537, 52.6811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5865, 34.1587, 99.3254 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(102, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 157, 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(102, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 157, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.5865, 34.1587, 99.3254 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(102, 157, 255) }
```


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

```
.border{ border-color:rgb(102, 157, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 157,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5865, 34.1587, 99.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 157, 255) }
```

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

```
.background{ background-color: rgb(102,  
157, 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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