

Converting Colors

XYZ(35.4374, 34.2831, 99.3573)

Have a look what the booklet for
XYZ(35.4374, 34.2831, 99.3573)
contains.

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Color

**XYZ(35.4224, 34.3264,
99.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	639EFF
RGB	99, 158, 255
RGB Percent	39%, 62%, 100%
CMY	0.6117, 0.3804, 0.0000
CMYK	0.61, 0.38, 0.00, 0.00
HSL	217°, 100%, 69%
HSV	217°, 61%, 100%
XYZ	35.4224, 34.3264, 99.3664
YIQ	151.4170, -66.3010, 17.6590

Conversions

Conversions Part 2

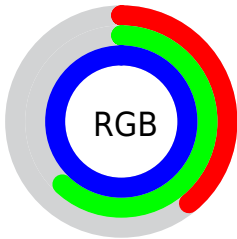
Format	Color
R _{YB}	99, 142, 255
Decimal	6528767
CIE Lab	65.22, 9.73, -53.96
CIE LCh	65, 54.829, 280.220
Yxy	34.3264, 0.2095, 0.2030
Android (android.graphics.Color)	4284718847 (0xFF639EFF)
YUV	151.4170, 51.0664, -45.9697
Hunter-Lab	58.5887, 5.3897, -59.5436

Details

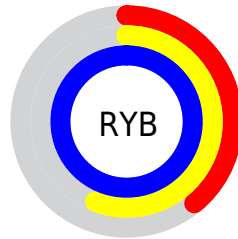
The XYZ color **35.4224, 34.3264, 99.3664** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **63.2337, 61.6434, 20.3719**, and the grayscale version is **29.4037, 30.9350, 33.6882**.

A 20% lighter version of the original color is **56.2914, 61.8840, 103.5857**, and **15.5887, 14.6638, 55.4349** is the 20% darker color. If you saturate the color by 10%, you get **30.5310, 28.0458, 98.4120**, and if you desaturate by 10%, it is **41.5444, 41.7604, 100.4787**.

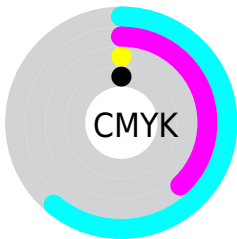
Distribution



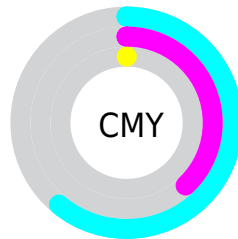
- Red (39%)
- Green (62%)
- Blue (100%)



- Red (39%)
- Yellow (56%)
- Blue (100%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4224, 34.3264, 99.3664 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 35.4224, 34.3264, 99.3664 by changing the saturation by 10% instead.

■ 35.4224, 34.3264,
99.3664

■ 35.4224, 34.3264,
99.3664

317.9043,
321.5850, 579.3887

■ 24.1565, 23.1445,
75.1576

■ 67.4693, 66.4409,
162.3305

■ 15.5751, 14.7002,
55.2395

■ 88.9811, 88.1423,
201.9228

■ 9.3129, 8.6093,
39.1936

■ 114.6388,
114.1189, 247.4800

■ 5.0046, 4.4872,
26.6014

144.8078,
144.7553, 299.4207

■ 2.2847, 1.9497,
17.0443

179.8535,
180.4356, 358.1634

■ 0.7868, 0.5780,
10.1038

220.1413,

■ 0.0000, 0.0000,

221.5444, 424.1266

5.3613

266.0364,
268.4661, 497.7288

■ 0.0000, 0.0000,
2.3984

■ 0.0000, 0.0000,
0.7856

■ 35.4224, 34.3264,
99.3664

■ 35.4224, 34.3264,
99.3664

■ 30.5310, 28.0458,
98.4120

■ 41.5444, 41.7604,
100.4787

■ 26.7672, 22.8444,
97.6064

■ 48.9807, 50.4081,
101.7559

■ 24.0150, 18.6420,
96.9403

■ 57.8114, 60.3290,
103.2054

■ 22.2729, 15.6659,
96.4576

■ 68.1087, 71.5772,
104.8338

■ 79.9397, 84.2034,
106.6473

■ 93.3669, 98.2554,
108.6520

■ 95.0500, 100.0000,
108.9000

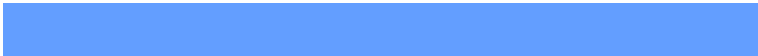
Harmonies

Analogous

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



27.7089, 34.3264, 95.7766



35.4224, 34.3264, 99.3664



43.5594, 34.3264, 81.9177

Triad

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



35.4224, 34.3264, 99.3664



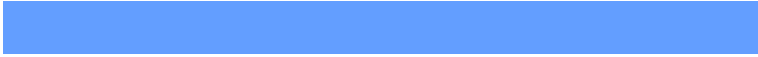
45.7865, 34.3264, 15.5904



20.2229, 34.3264, 24.4007

Complementary

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



35.4224, 34.3264, 99.3664



63.2337, 61.6434, 20.3719

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.



23.6951, 34.3264, 12.8769



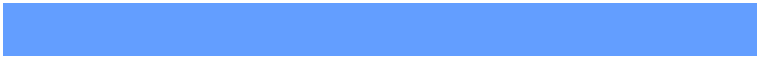
35.4224, 34.3264, 99.3664



38.0934, 34.3264, 9.4156

Square

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



35.4224, 34.3264, 99.3664



50.1567, 34.3264, 30.1146



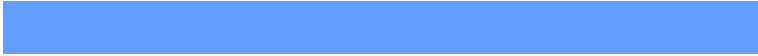
29.9812, 34.3264, 8.6803



19.7460, 34.3264, 45.7189

Rectangle

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



35.4224, 34.3264, 99.3664



47.8215, 34.3264, 63.6949



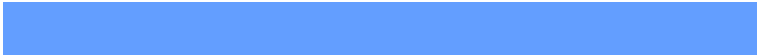
29.9812, 34.3264, 8.6803



21.0480, 34.3264, 19.5365

Sweetspot

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



35.4236, 34.3275, 99.3666



71.6941, 75.4325, 105.3890



50.7797, 78.1224, 64.1529



14.6405, 15.3879, 22.4485



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.



35.4236, 34.3275, 99.3666



29.7624, 27.0173, 98.2540



29.8765, 19.9414, 96.8821



17.5659, 18.5035, 22.8957



11.7702, 8.4499, 50.4452



1.2472, 1.0251, 4.9454

Inverse Universe

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



51.8743, 32.6538, 35.9174



48.0374, 27.3692, 27.2728



72.8711, 90.3913, 25.4128



18.2936, 18.1007, 20.1630



22.7292, 11.5810, 7.2246



2.2641, 1.1480, 0.9724

Previews

White Background



This preview shows how the XYZ color 35.4224, 34.3264, 99.3664 looks on a white background.

Color Contrast Check

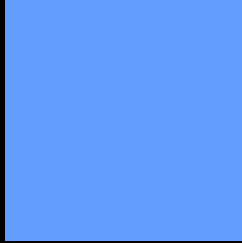
Large Text (above 18pt) WCAG AA × Fail

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 35.4224, 34.3264, 99.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

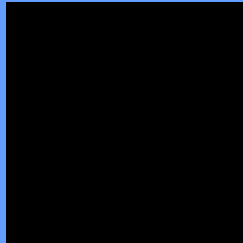
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

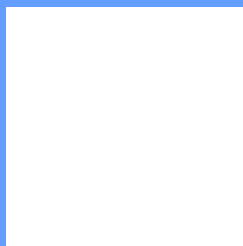
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4224, 34.3264, 99.3664

Background



This preview shows how black text looks on a background with the XYZ color 35.4224, 34.3264, 99.3664.



This preview shows how white text looks on a background with the XYZ color 35.4224, 34.3264,

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

35.4224, 34.3264, 99.3664

Protanopia

36.8720, 34.1325, 96.7403

Deuteranopia

35.4224, 34.3264, 99.3664



Tritanopia

25.8622, 34.2085, 51.6942

Trichromacy



Original Color

35.4224, 34.3264, 99.3664

Protanomaly

36.1331, 33.9793, 97.5827

Deuteranomaly

35.4224, 34.3264, 99.3664

Tritanomaly

28.7185, 33.9603, 66.6694

Monochromacy



Original Color

35.4224, 34.3264, 99.3664

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2566, 31.6909, 52.6664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4224, 34.3264, 99.3664 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(99, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 158, 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(99, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.4224, 34.3264, 99.3664 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(99, 158, 255) }
```


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

```
.border{ border-color:rgb(99, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4224, 34.3264, 99.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 158, 255) }
```

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

```
.background{ background-color: rgb(99, 158,  
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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