

Converting Colors

XYZ(36.1704, 34.4597, 99.3528)

Have a look what the booklet for
XYZ(36.1704, 34.4597, 99.3528)
contains.

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Color

**XYZ(36.1704, 34.4597,
99.3528)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9DFF
RGB	107, 157, 255
RGB Percent	42%, 62%, 100%
CMY	0.5804, 0.3843, 0.0000
CMYK	0.58, 0.38, 0.00, 0.00
HSL	220°, 100%, 71%
HSV	220°, 58%, 100%
XYZ	36.1704, 34.4597, 99.3528
YIQ	153.2220, -61.2580, 19.8780

Conversions

Conversions Part 2

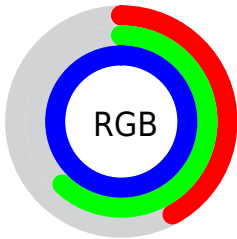
Format	Color
RYB	107, 144, 255
Decimal	7052799
CIELab	65.33, 11.79, -53.77
CIELCh	65, 55.047, 282.369
Yxy	34.4597, 0.2128, 0.2027
Android (android.graphics.Color)	4285242879 (0xFF6B9DFF)
YUV	153.2220, 50.1766, -40.5367
Hunter-Lab	58.7024, 7.2564, -59.2557

Details

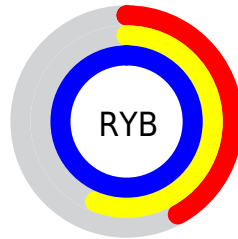
The XYZ color **36.1704, 34.4597, 99.3528** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **65.7271, 65.9874, 23.1847**, and the grayscale version is **30.1837, 31.7556, 34.5819**.

A 20% lighter version of the original color is **57.4927, 62.1334, 103.5705**, and **16.0068, 14.7254, 55.4247** is the 20% darker color. If you saturate the color by 10%, you get **30.8821, 27.7819, 98.3425**, and if you desaturate by 10%, it is **42.7597, 42.3952, 100.5372**.

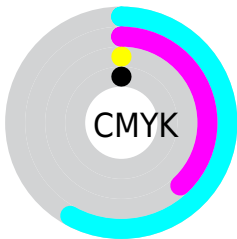
Distribution



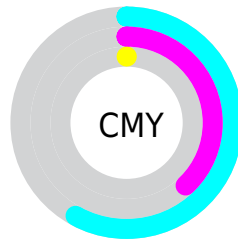
- Red (42%)
- Green (62%)
- Blue (100%)



- Red (42%)
- Yellow (56%)
- Blue (100%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1704, 34.4597, 99.3528 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 36.1704, 34.4597, 99.3528 by changing the saturation by 10% instead.

■ 36.1704, 34.4597,
99.3528

■ 36.1704, 34.4597,
99.3528

321.1230,
322.1770, 579.3446

■ 24.7365, 23.2470,
75.1463

■ 68.6171, 66.6479,
162.3116

■ 16.0086, 14.7760,
55.2303

■ 90.3607, 88.3922,
201.9010

■ 9.6211, 8.6623,
39.1863

■ 116.2716,
114.4157, 247.4550

■ 5.2088, 4.5216,
26.5957

146.7152,
145.1030, 299.3923

■ 2.4063, 1.9694,
17.0401

182.0567,
180.8384, 358.1314

■ 0.8482, 0.5896,
10.1008

222.6617,

■ 0.0000, 0.0000,

222.0062, 424.0908

5.3594

268.8953,
268.9910, 497.6890

■ 0.0000, 0.0000,
2.3972

■ 0.0000, 0.0000,
0.7849

■ 36.1704, 34.4597,
99.3528

■ 36.1704, 34.4597,
99.3528

■ 30.8821, 27.7819,
98.3425

■ 42.7597, 42.3952,
100.5372

■ 26.7929, 22.2841,
97.4969

■ 50.7335, 51.6526,
101.9038

■ 23.7900, 17.8829,
96.8056

■ 60.1723, 62.2953,
103.4605

■ 21.7234, 14.4736,
96.2565

■ 71.1490, 74.3810,
105.2148

■ 21.3892, 13.8983,
96.1631

■ 83.7316, 87.9643,
107.1734

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.



28.2981, 34.4597, 97.3563



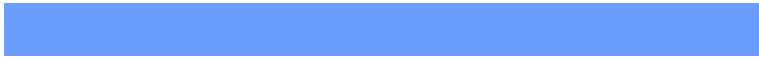
36.1704, 34.4597, 99.3528



44.2902, 34.4597, 80.5545

Triad

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



36.1704, 34.4597, 99.3528



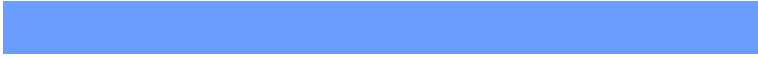
45.5266, 34.4597, 14.9250



20.1388, 34.4597, 25.6645

Complementary

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



36.1704, 34.4597, 99.3528



65.7271, 65.9874, 23.1847

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.



23.4163, 34.4597, 13.4263



36.1704, 34.4597, 99.3528



37.6523, 34.4597, 9.1982

Square

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



36.1704, 34.4597, 99.3528



50.2546, 34.4597, 28.8289



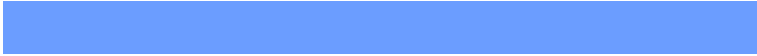
29.5578, 34.4597, 8.7930



19.8748, 34.4597, 47.8045

Rectangle

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



36.1704, 34.4597, 99.3528



48.4130, 34.4597, 61.9731



29.5578, 34.4597, 8.7930



20.8965, 34.4597, 20.5313

Sweetspot

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



36.1716, 34.4608, 99.3529



72.3770, 75.7180, 105.4081



52.6280, 78.9678, 69.0952



14.9854, 15.6550, 22.4819



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.



36.1716, 34.4608, 99.3529



29.9876, 26.6115, 98.1638



32.3932, 22.4204, 97.2280



17.5045, 18.3805, 22.8752



11.2993, 7.5082, 50.2883



1.1964, 0.9236, 4.9285

Inverse Universe

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



52.5845, 34.2114, 35.7310



48.3600, 28.2984, 26.5049



71.9537, 89.8719, 27.4668



18.2625, 18.0883, 19.9996



22.4916, 11.4859, 5.9731



2.2385, 1.1378, 0.8374

Previews

White Background



This preview shows how the XYZ color 36.1704, 34.4597, 99.3528 looks on a white background.

Color Contrast Check

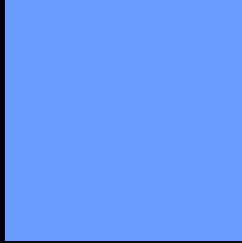
Large Text (above 18pt) WCAG AA × Fail

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 36.1704, 34.4597, 99.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

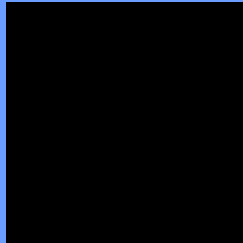
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

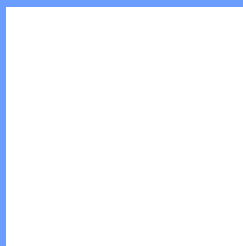
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1704, 34.4597, 99.3528

Background



This preview shows how black text looks on a background with the XYZ color 36.1704, 34.4597, 99.3528.



This preview shows how white text looks on a background with the XYZ color 36.1704, 34.4597,

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

36.1704, 34.4597, 99.3528

Protanopia

37.1967, 34.5276, 97.6325

Deuteranopia

35.5324, 34.3830, 99.3716



Tritanopia

26.6514, 34.6275, 51.1780

Trichromacy



Original Color

36.1704, 34.4597, 99.3528

Protanomaly

36.8481, 34.5775, 98.4980

Deuteranomaly

35.8704, 34.5573, 99.3874

Tritanomaly

29.5714, 34.4144, 66.0568

Monochromacy



Original Color

36.1704, 34.4597, 99.3528

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.0032, 32.0631, 53.2700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1704, 34.4597, 99.3528 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(107, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(107, 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(107, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 157, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.1704, 34.4597, 99.3528 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(107, 157, 255) }
```


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

```
.border{ border-color:rgb(107, 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(107, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 157, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 157, 255); box-shadow:4px 4px 4px 4px rgb(107, 157, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1704, 34.4597, 99.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 157, 255) }
```

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

```
.background{ background-color: rgb(107,  
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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