

Converting Colors

XYZ(36.4464, 34.1216, 97.6968)

Have a look what the booklet for
XYZ(36.4464, 34.1216, 97.6968)
contains.

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Color

**XYZ(36.3904, 34.1119,
97.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	729BFD
RGB	114, 155, 253
RGB Percent	45%, 61%, 99%
CMY	0.5529, 0.3921, 0.0078
CMYK	0.55, 0.39, 0.00, 0.01
HSL	222°, 97%, 72%
HSV	222°, 55%, 99%
XYZ	36.3904, 34.1119, 97.5948
YIQ	153.9130, -55.8940, 21.7860

Conversions

Conversions Part 2

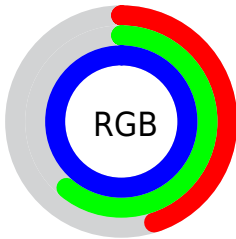
Format	Color
RYB	114, 146, 253
Decimal	7511037
CIELab	65.05, 13.71, -53.09
CIELCh	65, 54.832, 284.477
Yxy	34.1119, 0.2165, 0.2029
Android (android.graphics.Color)	4285701117 (0xFF729BFD)
YUV	153.9130, 48.8499, -35.0037
Hunter-Lab	58.4054, 9.0078, -58.1892

Details

The XYZ color **36.3904, 34.1119, 97.5948** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.0910, 69.1879, 25.7402**, and the grayscale version is **30.4885, 32.0763, 34.9311**.

A 20% lighter version of the original color is **58.3060, 61.8196, 103.4671**, and **16.1330, 14.5145, 54.1758** is the 20% darker color. If you saturate the color by 10%, you get **30.7905, 27.1392, 96.5448**, and if you desaturate by 10%, it is **43.3415, 42.4331, 98.8353**.

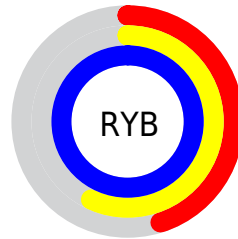
Distribution



Red (45%)

Green (61%)

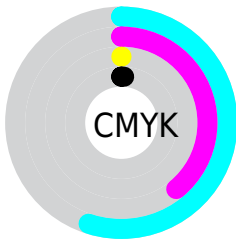
Blue (99%)



Red (45%)

Yellow (57%)

Blue (99%)

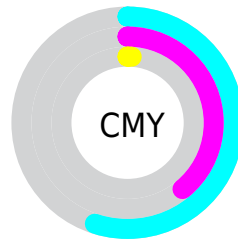


Cyan (55%)

Magenta (39%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (39%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3904, 34.1119, 97.5948 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 36.3904, 34.1119, 97.5948 by changing the saturation by 10% instead.

■ 36.3904, 34.1119,
97.5948

■ 36.3904, 34.1119,
97.5948

322.0653,
320.6307, 573.6342

■ 24.9074, 22.9796,
73.6877

■ 68.9542, 66.1076,
159.8709

■ 16.1364, 14.5784,
54.0433

■ 90.7656, 87.7399,
199.0770

■ 9.7122, 8.5241,
38.2428

■ 116.7505,
113.6408, 244.2198

■ 5.2694, 4.4321,
25.8679

147.2743,
144.1949, 295.7179

■ 2.4425, 1.9181,
16.5000

182.7023,
179.7866, 353.9899

■ 0.8664, 0.5592,
9.7205

223.3999,

■ 0.0000, 0.0000,

220.8002, 419.4542

5.1108

269.7325,
267.6201, 492.5295

■ 0.0000, 0.0000,
2.2526

■ 0.0000, 0.0000,
0.7045

■ 36.3904, 34.1119,
97.5948

■ 36.3904, 34.1119,
97.5948

■ 30.7905, 27.1392,
96.5448

■ 43.3415, 42.4331,
98.8353

■ 26.4414, 21.4334,
95.6727

■ 51.7259, 52.1705,
100.2729

■ 23.2342, 16.9083,
94.9683

■ 61.6237, 63.3909,
101.9170

■ 21.0361, 13.4624,
94.4190

■ 73.1078, 76.1559,
103.7756

■ 20.2201, 12.0726,
94.1938

■ 86.2460, 90.5232,
105.8563

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.



28.5059, 34.1119, 97.2018



36.3904, 34.1119, 97.5948



44.3374, 34.1119, 77.8879

Triad

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



36.3904, 34.1119, 97.5948



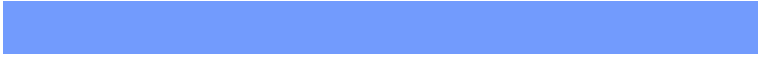
44.5807, 34.1119, 14.1594



19.8254, 34.1119, 26.6268

Complementary

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



36.3904, 34.1119, 97.5948



67.0910, 69.1879, 25.7402

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.



22.8596, 34.1119, 13.8647



36.3904, 34.1119, 97.5948



36.6820, 34.1119, 8.9352

Square

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



36.3904, 34.1119, 97.5948



49.5639, 34.1119, 27.2493



28.7538, 34.1119, 8.8555



19.7734, 34.1119, 49.1790

Rectangle

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



36.3904, 34.1119, 97.5948



48.2420, 34.1119, 59.3448



28.7538, 34.1119, 8.8555



20.5051, 34.1119, 21.3091

Sweetspot

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



36.3917, 34.1131, 97.5957



73.0999, 76.0661, 105.4372



53.8618, 78.5473, 74.1495



15.1099, 15.6879, 22.4816



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.



36.3917, 34.1131, 97.5957



30.8044, 26.9356, 98.1833



34.8699, 24.8617, 95.8902



17.4396, 18.2507, 22.8535



10.8655, 6.6406, 50.1437



1.1479, 0.8264, 4.9123

Inverse Universe

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



52.4430, 35.2856, 35.0579



49.0920, 29.8151, 26.5863



69.2776, 87.5062, 29.1608



18.2298, 18.0752, 19.8271



22.2726, 11.3983, 4.8200



2.2140, 1.1280, 0.7083

Previews

White Background



This preview shows how the XYZ color 36.3904, 34.1119, 97.5948 looks on a white background.

Color Contrast Check

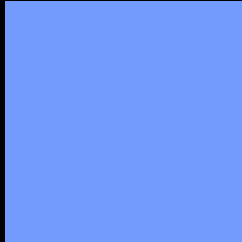
Large Text (above 18pt) WCAG AA × Fail

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 36.3904, 34.1119, 97.5948 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 36.3904, 34.1119, 97.5948

Background



This preview shows how black text looks on a background with the XYZ color 36.3904, 34.1119, 97.5948.



This preview shows how white text looks on a background with the XYZ color 36.3904, 34.1119,

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

36.3904, 34.1119, 97.5948

Protanopia

36.7340, 34.0614, 96.7339

Deuteranopia

35.2770, 34.3068, 96.8580



Tritanopia

26.9465, 34.2431, 49.9891

Trichromacy



Original Color

36.3904, 34.1119, 97.5948

Protanomaly

36.4624, 33.9214, 96.7212

Deuteranomaly

35.5715, 34.2064, 96.8231

Tritanomaly

29.7701, 34.0057, 64.6692

Monochromacy



Original Color

36.3904, 34.1119, 97.5948

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.4973, 32.3179, 53.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3904, 34.1119, 97.5948 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(114, 155, 253)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 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(114, 155, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 253) }
```

Border

The CSS property to change the border of an element to XYZ 36.3904, 34.1119, 97.5948 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(114, 155, 253) }
```


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

```
.border{ border-color:rgb(114, 155, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 253);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3904, 34.1119, 97.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 253) }
```

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

```
.background{ background-color: rgb(114,  
155, 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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