

Converting Colors

XYZ(37.3578, 35.5764, 99.5057)

Have a look what the booklet for
XYZ(37.3578, 35.5764, 99.5057)
contains.

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Color

**XYZ(37.3876, 35.5937,
99.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	729FFF
RGB	114, 159, 255
RGB Percent	45%, 62%, 100%
CMY	0.5529, 0.3765, 0.0000
CMYK	0.55, 0.38, 0.00, 0.00
HSL	221°, 100%, 72%
HSV	221°, 55%, 100%
XYZ	37.3876, 35.5937, 99.5075
YIQ	156.4890, -57.6360, 20.3160

Conversions

Conversions Part 2

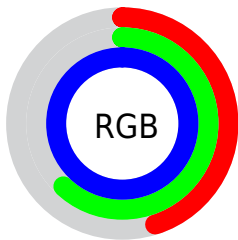
Format	Color
RYB	114, 148, 255
Decimal	7512063
CIELab	66.21, 12.01, -52.35
CIElCh	66, 53.707, 282.918
Yxy	35.5937, 0.2168, 0.2064
Android (android.graphics.Color)	4285702143 (0xFF729FFF)
YUV	156.4890, 48.5659, -37.2629
Hunter-Lab	59.6605, 7.4553, -57.1273

Details

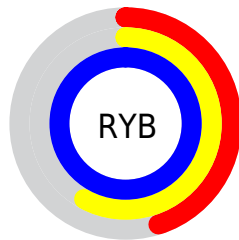
The XYZ color **37.3876, 35.5937, 99.5075** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.3255, 68.5708, 25.6088**, and the grayscale version is **31.6278, 33.2749, 36.2363**.

A 20% lighter version of the original color is **59.2998, 63.8072, 103.7983**, and **16.7279, 15.4067, 55.5182** is the 20% darker color. If you saturate the color by 10%, you get **31.7422, 28.5585, 98.4471**, and if you desaturate by 10%, it is **44.3792, 43.9464, 100.7512**.

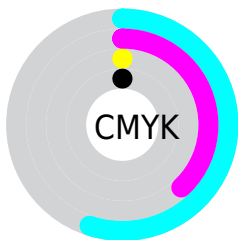
Distribution



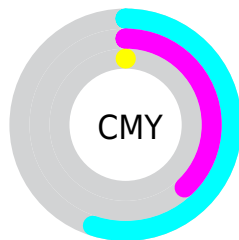
- Red (45%)
- Green (62%)
- Blue (100%)



- Red (45%)
- Yellow (58%)
- Blue (100%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3876, 35.5937, 99.5075 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 37.3876, 35.5937, 99.5075 by changing the saturation by 10% instead.

■ 37.3876, 35.5937,
99.5075

■ 37.3876, 35.5937,
99.5075

326.3121,
327.1812, 579.8457

■ 25.6828, 24.1206,
75.2747

■ 70.4785, 68.4045,
162.5262

■ 16.7179, 15.4231,
55.3349

■ 92.5953, 90.5109,
202.1491

■ 10.1276, 9.1169,
39.2695

■ 118.9134,
116.9306, 247.7392

■ 5.5466, 4.8175,
26.6600

149.7983,
148.0479, 299.7150

■ 2.6094, 2.1406,
17.0879

185.6152,
184.2472, 358.4950

■ 0.9507, 0.6873,
10.1345

226.7296,

■ 0.0000, 0.0000,

225.9129, 424.4978

5.3815

273.5067,
273.4295, 498.1418

■ 0.0000, 0.0000,
2.4102

■ 0.0000, 0.0000,
0.7920

■ 37.3876, 35.5937,
99.5075

■ 37.3876, 35.5937,
99.5075

■ 31.7422, 28.5585,
98.4471

■ 44.3792, 43.9464,
100.7512

■ 27.3428, 22.7620,
97.5601

■ 52.7995, 53.6820,
102.1866

■ 24.0802, 18.1205,
96.8362

■ 62.7284, 64.8652,
103.8218

■ 21.8203, 14.5354,
96.2633

■ 74.2386, 77.5552,
105.6646

■ 21.0206, 13.1612,
96.0402

■ 87.3979, 91.8080,
107.7221

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.



29.5104, 35.5937, 97.9623



37.3876, 35.5937, 99.5075



45.4241, 35.5937, 80.7993

Triad

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



37.3876, 35.5937, 99.5075



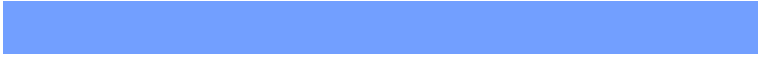
46.3927, 35.5937, 15.8307



21.1539, 35.5937, 27.2017

Complementary

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



37.3876, 35.5937, 99.5075



67.3255, 68.5708, 25.6088

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.



24.3996, 35.5937, 14.6171



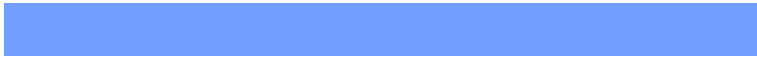
37.3876, 35.5937, 99.5075



38.5534, 35.5937, 10.0550

Square

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



37.3876, 35.5937, 99.5075



51.1484, 35.5937, 29.7172



30.5069, 35.5937, 9.7217



20.9431, 35.5937, 49.4624

Rectangle

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



37.3876, 35.5937, 99.5075



49.4585, 35.5937, 62.4712



30.5069, 35.5937, 9.7217



21.8996, 35.5937, 21.9597

Sweetspot

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



37.3888, 35.5949, 99.5076



72.1569, 75.2777, 105.3347



54.0858, 79.6521, 72.1998



14.9337, 15.5518, 22.4646



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.



37.3888, 35.5949, 99.5076



31.3905, 28.1079, 98.3786



34.4678, 24.6175, 97.5427



17.4761, 18.3239, 22.8657



11.1020, 7.1137, 50.2225



1.1746, 0.8799, 4.9212

Inverse Universe

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



53.5163, 35.7995, 36.8912



49.3878, 29.9335, 28.1442



71.9147, 89.8075, 29.4660



18.2482, 18.0826, 19.9243



22.3920, 11.4461, 5.4487



2.2275, 1.1334, 0.7794

Previews

White Background



This preview shows how the XYZ color 37.3876, 35.5937, 99.5075 looks on a white background.

Color Contrast Check

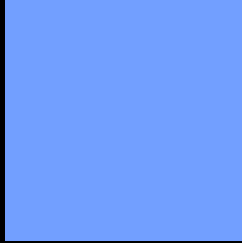
Large Text (above 18pt) WCAG AA × Fail

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 37.3876, 35.5937, 99.5075 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 37.3876, 35.5937, 99.5075

Background



This preview shows how black text looks on a background with the XYZ color 37.3876, 35.5937, 99.5075.



This preview shows how white text looks on a background with the XYZ color 37.3876, 35.5937,

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

37.3876, 35.5937, 99.5075

Protanopia

38.0988, 35.4909, 97.7709

Deuteranopia

36.6842, 35.4874, 99.5240



Tritanopia

28.0330, 35.5988, 52.4075

Trichromacy



Original Color

37.3876, 35.5937, 99.5075

Protanomaly

37.8620, 35.6025, 98.6424

Deuteranomaly

37.0512, 35.6766, 99.5412

Tritanomaly

30.9233, 35.3554, 67.4818

Monochromacy



Original Color

37.3876, 35.5937, 99.5075

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5559, 33.5824, 54.6353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3876, 35.5937, 99.5075 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, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 159, 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(114, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 159, 255) }
```

Border

The CSS property to change the border of an element to XYZ 37.3876, 35.5937, 99.5075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

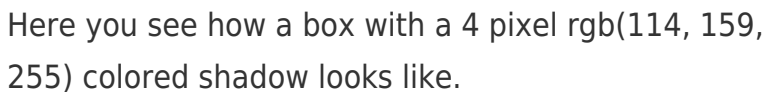
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 159, 255) }
```


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

```
.border{ border-color:rgb(114, 159, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 159,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3876, 35.5937, 99.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 159, 255) }
```

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

```
.background{ background-color: rgb(114,  
159, 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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