

Converting Colors

XYZ(37.3609, 36.6320, 99.7636)

Have a look what the booklet for
XYZ(37.3609, 36.6320, 99.7636)
contains.

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Color

**XYZ(37.3315, 36.6025,
99.7052)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA3FF
RGB	108, 163, 255
RGB Percent	42%, 64%, 100%
CMY	0.5764, 0.3608, 0.0000
CMYK	0.58, 0.36, 0.00, 0.00
HSL	218°, 100%, 71%
HSV	218°, 58%, 100%
XYZ	37.3315, 36.6025, 99.7052
YIQ	157.0430, -62.3120, 16.9520

Conversions

Conversions Part 2

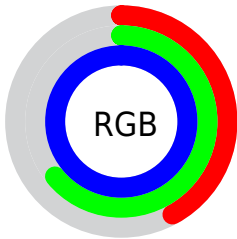
Format	Color
RYB	108, 148, 255
Decimal	7119871
CIELab	66.98, 8.51, -51.15
CIELCh	67, 51.852, 279.443
Yxy	36.6025, 0.2150, 0.2108
Android (android.graphics.Color)	4285309951 (0xFF6CA3FF)
YUV	157.0430, 48.2928, -43.0107
Hunter-Lab	60.5000, 4.2684, -55.3611

Details

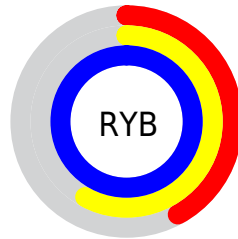
The XYZ color **37.3315, 36.6025, 99.7052** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **64.6026, 63.6538, 23.0708**, and the grayscale version is **31.8783, 33.5384, 36.5233**.

A 20% lighter version of the original color is **59.2699, 65.6876, 104.1629**, and **16.7502, 16.0589, 55.6429** is the 20% darker color. If you saturate the color by 10%, you get **32.0143, 29.9173, 98.6950**, and if you desaturate by 10%, it is **43.9155, 44.4727, 100.8772**.

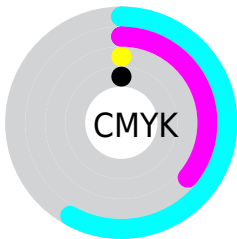
Distribution



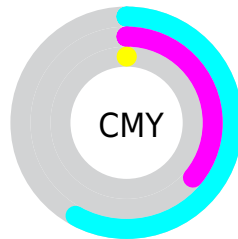
- Red (42%)
- Green (64%)
- Blue (100%)



- Red (42%)
- Yellow (58%)
- Blue (100%)



- Cyan (58%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3315, 36.6025, 99.7052 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 37.3315, 36.6025, 99.7052 by changing the saturation by 10% instead.

■ 37.3315, 36.6025,
99.7052

■ 37.3315, 36.6025,
99.7052

326.0742,
331.5864, 580.4857

■ 25.6391, 24.8999,
75.4388

■ 70.3929, 69.9610,
162.8003

■ 16.6851, 16.0025,
55.4686

■ 92.4926, 92.3857,
202.4662

■ 10.1041, 9.5259,
39.3759

■ 118.7921,
119.1531, 248.1023

■ 5.5309, 5.0858,
26.7422

149.6567,
150.6478, 300.1273

■ 2.5999, 2.2977,
17.1490

185.4519,
187.2541, 358.9595

■ 0.9459, 0.7725,
10.1777

226.5430,

■ 0.0000, 0.0000,

229.3563, 425.0177

5.4098

273.2953,
277.3389, 498.7202

■ 0.0000, 0.0000,
2.4267

■ 0.0000, 0.0000,
0.8009

■ 37.3315, 36.6025,
99.7052

■ 37.3315, 36.6025,
99.7052

■ 32.0143, 29.9173,
98.6950

■ 43.9155, 44.4727,
100.8772

■ 27.8652, 24.3449,
97.8381

■ 51.8469, 53.5866,
102.2184

■ 24.7753, 19.8088,
97.1254

■ 61.2035, 64.0024,
103.7357

■ 22.6025, 16.2135,
96.5460

■ 72.0558, 75.7736,
105.4358

■ 22.1787, 15.4774,
96.4262

■ 84.4694, 88.9502,
107.3248

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.



29.7423, 36.6025, 95.7553



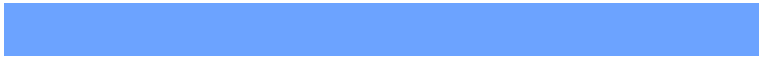
37.3315, 36.6025, 99.7052



45.3149, 36.6025, 83.5596

Triad

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



37.3315, 36.6025, 99.7052



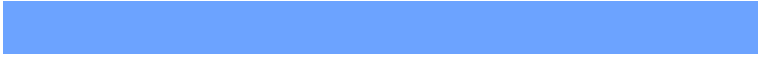
47.8317, 36.6025, 18.1762



22.4583, 36.6025, 26.4919

Complementary

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



37.3315, 36.6025, 99.7052



64.6026, 63.6538, 23.0708

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.



26.0350, 36.6025, 14.8817



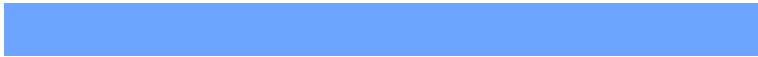
37.3315, 36.6025, 99.7052



40.3778, 36.6025, 11.4912

Square

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



37.3315, 36.6025, 99.7052



51.9518, 36.6025, 33.1588



32.3657, 36.6025, 10.5690



21.8965, 36.6025, 47.3945

Rectangle

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



37.3315, 36.6025, 99.7052



49.5135, 36.6025, 66.1937



32.3657, 36.6025, 10.5690



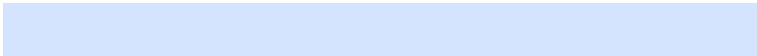
23.3189, 36.6025, 21.6331

Sweetspot

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



37.3328, 36.6037, 99.7053



72.8079, 76.5797, 105.5517



52.2137, 78.8160, 66.2827



15.0865, 15.8573, 22.5156



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.



37.3328, 36.6037, 99.7053



31.3855, 29.0981, 98.5701



31.8936, 22.3184, 97.2346



17.5597, 18.4911, 22.8936



11.7201, 8.3497, 50.4285



1.2419, 1.0145, 4.9436

Inverse Universe

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



53.2144, 34.6310, 38.5310



49.1411, 28.8998, 29.7272



73.6770, 90.7542, 27.8235



18.2904, 18.0995, 20.1465



22.7040, 11.5709, 7.0915



2.2615, 1.1470, 0.9582

Previews

White Background



This preview shows how the XYZ color 37.3315, 36.6025, 99.7052 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 37.3315, 36.6025, 99.7052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

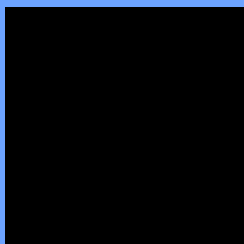
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

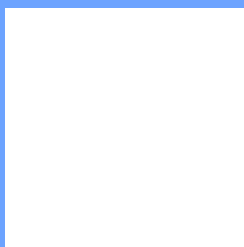
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3315, 36.6025, 99.7052

Background



This preview shows how black text looks on a background with the XYZ color 37.3315, 36.6025, 99.7052.



This preview shows how white text looks on a background with the XYZ color 37.3315, 36.6025,

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

37.3315, 36.6025, 99.7052

Protanopia

38.8709, 36.4137, 97.0753

Deuteranopia

37.6524, 36.5054, 99.6695



Tritanopia

28.2993, 36.5622, 54.2809

Trichromacy



Original Color

37.3315, 36.6025, 99.7052

Protanomaly

38.1856, 36.2984, 97.9222

Deuteranomaly

37.5259, 36.4402, 99.6636

Tritanomaly

31.0149, 36.2050, 68.9719

Monochromacy



Original Color

37.3315, 36.6025, 99.7052

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.6712, 34.1355, 55.3189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3315, 36.6025, 99.7052 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(108, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 163, 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(108, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 163, 255) }
```

Border

The CSS property to change the border of an element to XYZ 37.3315, 36.6025, 99.7052 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(108, 163, 255) }
```


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

```
.border{ border-color:rgb(108, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 163,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3315, 36.6025, 99.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 163, 255) }
```

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

```
.background{ background-color: rgb(108,  
163, 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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