

Converting Colors

XYZ(40.3106, 37.6153, 99.7436)

Have a look what the booklet for XYZ(40.3106, 37.6153, 99.7436) contains.

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Color

**XYZ(40.3106, 37.6153,
99.7436)**

Conversions

Conversions Part 1

Format	Color
Hex	84A1FF
RGB	132, 161, 255
RGB Percent	52%, 63%, 100%
CMY	0.4823, 0.3686, 0.0000
CMYK	0.48, 0.37, 0.00, 0.00
HSL	226°, 100%, 76%
HSV	226°, 48%, 100%
XYZ	40.3106, 37.6153, 99.7436
YIQ	163.0450, -47.4580, 23.0860

Conversions

Conversions Part 2

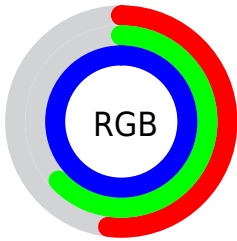
Format	Color
RYB	132, 155, 255
Decimal	8692223
CIELab	67.74, 14.73, -49.87
CIElCh	68, 51.997, 286.457
Yxy	37.6153, 0.2269, 0.2117
Android (android.graphics.Color)	4286882303 (0xFF84A1FF)
YUV	163.0450, 45.3338, -27.2265
Hunter-Lab	61.3313, 9.9911, -53.4919

Details

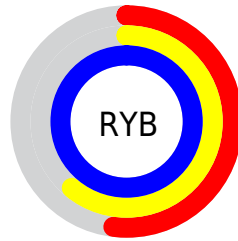
The XYZ color **40.3106, 37.6153, 99.7436** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **72.6025, 77.3205, 32.9296**, and the grayscale version is **34.6441, 36.4483, 39.6922**.

A 20% lighter version of the original color is **63.8411, 67.2789, 104.2291**, and **18.5166, 16.6455, 55.6631** is the 20% darker color. If you saturate the color by 10%, you get **33.6550, 29.5170, 98.5313**, and if you desaturate by 10%, it is **48.4740, 47.2800, 101.1788**.

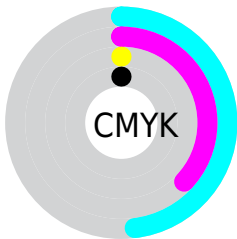
Distribution



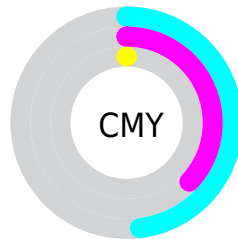
- Red (52%)
- Green (63%)
- Blue (100%)



- Red (52%)
- Yellow (61%)
- Blue (100%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3106, 37.6153, 99.7436 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 40.3106, 37.6153, 99.7436 by changing the saturation by 10% instead.

■ 40.3106, 37.6153,
99.7436

■ 40.3106, 37.6153,
99.7436

338.5430,
335.9668, 580.6100

■ 27.9661, 25.6842,
75.4707

■ 74.9176, 71.5181,
162.8536

■ 18.4404, 16.5876,
55.4946

■ 97.9108, 94.2587,
202.5278

■ 11.3682, 9.9409,
39.3966

■ 125.1842,
121.3712, 248.1729

■ 6.3842, 5.3598,
26.7582

157.1033,
153.2400, 300.2073

■ 3.1229, 2.4599,
17.1608

194.0334,
190.2496, 359.0497

■ 1.2191, 0.8564,
10.1861

236.3398,

■ 0.1214, 0.0000,

232.7843, 425.1186

5.4153

284.3878,
281.2286, 498.8325

■ 0.0000, 0.0000,
2.4300

■ 0.0000, 0.0000,
0.8027

■ 40.3106, 37.6153,
99.7436

■ 40.3106, 37.6153,
99.7436

■ 33.6550, 29.5170,
98.5313

■ 48.4740, 47.2800,
101.1788

■ 28.4066, 22.8950,
97.5297

■ 58.2291, 58.5867,
102.8471

■ 24.4578, 17.6554,
96.7265

■ 69.6583, 71.6104,
104.7585

■ 21.6826, 13.6902,
96.1074

■ 82.8369, 86.4201,
106.9225

■ 19.9152, 10.8666, 95.0500, 100.0000,
95.6556 108.9000

■ 19.6721, 10.4641,
95.5907

Harmonies

Analogous

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



32.2544, 37.6153, 100.8013



40.3106, 37.6153, 99.7436



48.1628, 37.6153, 79.6324

Triad

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



40.3106, 37.6153, 99.7436



47.4885, 37.6153, 16.5252



22.7358, 37.6153, 31.4429

Complementary

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



40.3106, 37.6153, 99.7436



72.6025, 77.3205, 32.9296

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.



25.6808, 37.6153, 17.4091



40.3106, 37.6153, 99.7436



39.4942, 37.6153, 11.2402

Square

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



40.3106, 37.6153, 99.7436



52.7128, 37.6153, 29.6559



31.5511, 37.6153, 11.4879



22.8865, 37.6153, 54.8155

Rectangle

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



40.3106, 37.6153, 99.7436



51.8710, 37.6153, 61.2983



31.5511, 37.6153, 11.4879



23.3751, 37.6153, 25.7011

Sweetspot

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



40.3119, 37.6166, 99.7438



75.0192, 77.6576, 105.6432



58.7653, 81.8215, 83.3958



15.4639, 15.9535, 22.5143



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.



40.3119, 37.6166, 99.7438



33.7937, 29.6886, 98.5571



41.3560, 31.4847, 98.5052



17.3506, 18.0727, 22.8239



10.3733, 5.6561, 49.9796



1.0896, 0.7098, 4.8929

Inverse Universe

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



55.9253, 40.3373, 38.5576



51.3882, 33.7483, 29.3844



70.7437, 89.0736, 35.2961



18.1848, 18.0572, 19.5905



22.0242, 11.2990, 3.5117



2.1846, 1.1162, 0.5533

Previews

White Background



This preview shows how the XYZ color 40.3106, 37.6153, 99.7436 looks on a white background.

Color Contrast Check

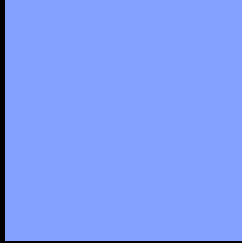
Large Text (above 18pt) WCAG AA × Fail

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 40.3106, 37.6153, 99.7436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

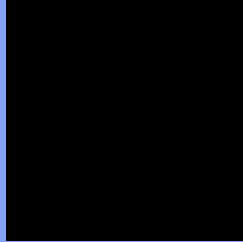
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3106, 37.6153, 99.7436

Background



This preview shows how black text looks on a background with the XYZ color 40.3106, 37.6153, 99.7436.



This preview shows how white text looks on a background with the XYZ color 40.3106, 37.6153,

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

40.3106, 37.6153, 99.7436

Protanopia

40.0008, 37.4556, 99.7291

Deuteranopia

38.7726, 37.6286, 98.9854



Tritanopia

31.1974, 37.7788, 53.7919

Trichromacy



Original Color

40.3106, 37.6153, 99.7436

Protanomaly

40.1549, 37.5350, 99.7363

Deuteranomaly

39.2988, 37.6352, 98.9590

Tritanomaly

33.9927, 37.4755, 68.3927

Monochromacy



Original Color

40.3106, 37.6153, 99.7436

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8330, 36.5016, 57.3815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3106, 37.6153, 99.7436 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(132, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 161, 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(132, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 40.3106, 37.6153, 99.7436 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(132, 161, 255) }
```


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

```
.border{ border-color:rgb(132, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 161,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3106, 37.6153, 99.7436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 161, 255) }
```

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

```
.background{ background-color: rgb(132,  
161, 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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