

Converting Colors

XYZ(31.7196, 36.5766, 93.3872)

Have a look what the booklet for
XYZ(31.7196, 36.5766, 93.3872)
contains.

XYZ(31.7321, 36.6025, 93.3882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.7321, 36.6025,
93.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADF7
RGB	0, 173, 247
RGB Percent	0%, 68%, 97%
CMY	0.9997, 0.3216, 0.0314
CMYK	1.00, 0.30, 0.00, 0.03
HSL	198°, 100%, 48%
HSV	198°, 100%, 97%
XYZ	31.7321, 36.6025, 93.3882
YIQ	129.7090, -126.8620, -13.6620

Conversions

Conversions Part 2

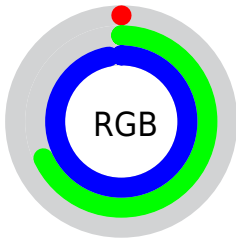
Format	Color
RYB	0, 102, 247
Decimal	44535
CIELab	66.98, -10.80, -46.96
CIELCh	67, 48.185, 257.047
Yxy	36.6025, 0.1962, 0.2263
Android (android.graphics.Color)	4278234615 (0xFF00ADF7)
YUV	129.7090, 57.8245, -113.7548
Hunter-Lab	60.5000, -12.2522, -49.1704

Details

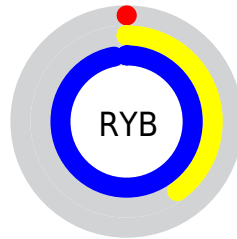
The XYZ color **31.7321, 36.6025, 93.3882** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **40.8124, 24.6822, 2.6153**, and the grayscale version is **20.9585, 22.0500, 24.0124**.

A 20% lighter version of the original color is **52.3489, 66.0863, 104.6046**, and **16.1316, 17.3924, 51.2220** is the 20% darker color. If you saturate the color by 10%, you get **31.7281, 36.5944, 93.3876**, and if you desaturate by 10%, it is **33.5870, 39.7251, 93.8939**.

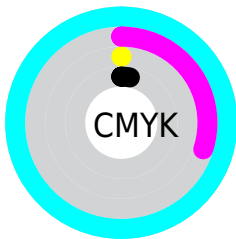
Distribution



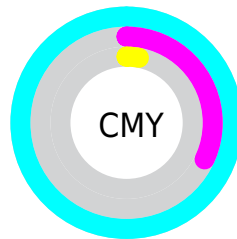
- Red (0%)
- Green (68%)
- Blue (97%)



- Red (0%)
- Yellow (40%)
- Blue (97%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7321, 36.6025, 93.3882 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 31.7321, 36.6025, 93.3882 by changing the saturation by 10% instead.

■ 31.7321, 36.6025,
93.3882

■ 31.7321, 36.6025,
93.3882

301.6641,
331.5864, 559.8440

■ 21.3115, 24.8999,
70.2047

■ 61.7589, 69.9610,
154.0123

■ 13.4657, 16.0025,
51.2156

■ 82.0958, 92.3857,
192.2900

■ 7.8292, 9.5259,
36.0023

■ 106.4689,
119.1531, 236.4363

■ 4.0367, 5.0858,
24.1463

■ 135.2435,
150.6478, 286.8696

■ 1.7229, 2.2977,
15.2290

■ 168.7850,
187.2541, 344.0084

■ 0.4706, 0.7725,
8.8318

207.4586,

■ 0.0000, 0.0000,

229.3563, 408.2714

4.5363

251.6299,
277.3389, 480.0771

■ 0.0000, 0.0000,
1.9240

■ 0.0000, 0.0000,
0.5079

■ 31.7321, 36.6025,
93.3882

■ 31.7321, 36.6025,
93.3882

■ 31.7281, 36.5944,
93.3876

■ 33.5870, 39.7251,
93.8939

■ 36.0202, 43.2640,
94.4488

■ 39.1881, 47.3019,
95.0612

■ 43.1849, 51.8893,
95.7360

■ 48.0896, 57.0686,
96.4772

■ 53.9715, 62.8771,
97.2884

■ 60.8930, 69.3487,
98.1727

■ 68.9108, 76.5143,
99.1332

■ 78.0774, 84.4024,
100.1726

Harmonies

Analogous

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



26.0613, 36.6025, 77.1894



31.7321, 36.6025, 93.3882



39.0765, 36.6025, 92.0808

Triad

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



31.7321, 36.6025, 93.3882



50.0382, 36.6025, 29.1761



25.4798, 36.6025, 18.2304

Complementary

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



31.7321, 36.6025, 93.3882



40.8124, 24.6822, 2.6153

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.



30.8283, 36.6025, 12.4209



31.7321, 36.6025, 93.3882



45.2769, 36.6025, 17.0492

Square

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



31.7321, 36.6025, 93.3882



50.3702, 36.6025, 49.5787



38.0374, 36.6025, 12.0818



22.8071, 36.6025, 31.4920

Rectangle

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



31.7321, 36.6025, 93.3882



43.9669, 36.6025, 81.4077



38.0374, 36.6025, 12.0818



26.9874, 36.6025, 15.5795

Sweetspot

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



31.7335, 36.6037, 93.3891



65.4025, 74.4992, 105.5404



34.3687, 66.9653, 16.9149



13.2970, 15.2984, 22.5020



0.0000, 0.0000, 0.0000



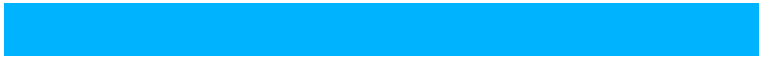
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.7335, 36.6037, 93.3891



34.0861, 39.2923, 100.3954



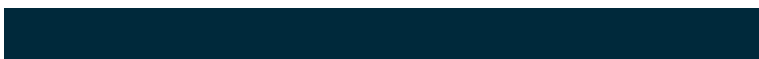
18.0892, 9.3151, 88.8410



16.5530, 17.8703, 21.1194



16.9100, 19.6138, 49.4326



1.5759, 1.9031, 4.3745

Inverse Universe

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



45.9019, 22.7932, 41.5162



49.3343, 24.4977, 44.5540



57.5394, 58.1362, 8.1910



16.9897, 16.6787, 19.6923



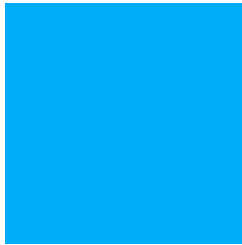
24.3399, 12.0794, 22.2960



2.1845, 1.0798, 2.1978

Previews

White Background



This preview shows how the XYZ color 31.7321, 36.6025, 93.3882 looks on a white background.

Color Contrast Check

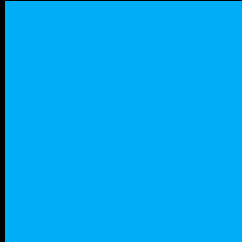
Large Text (above 18pt) WCAG AA × Fail

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 31.7321, 36.6025, 93.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

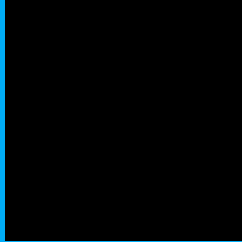
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

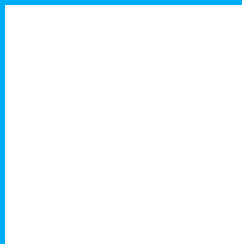
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.7321, 36.6025, 93.3882

Background



This preview shows how black text looks on a background with the XYZ color 31.7321, 36.6025, 93.3882.



This preview shows how white text looks on a background with the XYZ color 31.7321, 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

31.7321, 36.6025, 93.3882

Protanopia

37.8550, 36.1708, 84.3434

Deuteranopia

37.5118, 36.5247, 95.5154



Tritanopia

25.9469, 36.4928, 56.1283

Trichromacy



Original Color

31.7321, 36.6025, 93.3882



Protanomaly

32.9341, 34.8684, 87.4325



Deuteranomaly

33.5591, 35.5678, 94.7191



Tritanomaly

27.7324, 36.2484, 68.4858

Monochromacy



Original Color

31.7321, 36.6025, 93.3882



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

21.3890, 25.4139, 43.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7321, 36.6025, 93.3882 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(0, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 247)  
}
```

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(0, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 247) }
```

Border

The CSS property to change the border of an element to XYZ 31.7321, 36.6025, 93.3882 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(0, 173, 247) }
```


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

```
.border{ border-color:rgb(0, 173, 247) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7321, 36.6025, 93.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 247) }
```

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

```
.background{ background-color: rgb(0, 173,  
247) }
```

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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