

Converting Colors

XYZ(11.4609, 26.0368, 91.5425)

Have a look what the booklet for
XYZ(11.4609, 26.0368, 91.5425)
contains.

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Color

**XYZ(31.5781, 36.5410,
92.5775)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00ADF6 |
| RGB | 0, 173, 246 |
| RGB Percent | 0%, 68%, 96% |
| CMY | 0.9997, 0.3216, 0.0353 |
| CMYK | 1.00, 0.30, 0.00, 0.04 |
| HSL | 198°, 100%, 48% |
| HSV | 198°, 100%, 96% |
| XYZ | 31.5781, 36.5410, 92.5775 |
| YIQ | 129.5950, -126.5410, -13.9730 |

Conversions

Conversions Part 2

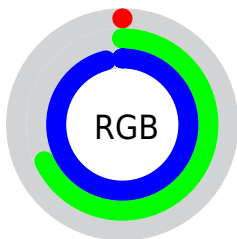
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 102, 246 |
| Decimal | 44534 |
| CIELab | 66.93, -11.16, -46.49 |
| CIELCh | 67, 47.808, 256.498 |
| Yxy | 36.5410, 0.1965, 0.2274 |
| Android (android.graphics.Color) | 4278234614 (0xFF00ADF6) |
| YUV | 129.5950, 57.3877, -113.6548 |
| Hunter-Lab | 60.4492, -12.5392, -48.4879 |

Details

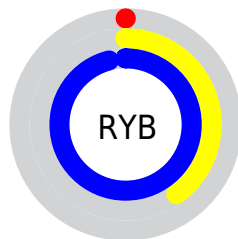
The XYZ color **31.5781, 36.5410, 92.5775** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **40.3936, 24.3669, 2.5762**, and the grayscale version is **20.9190, 22.0084, 23.9671**.

A 20% lighter version of the original color is **52.2238, 66.0218, 104.5987**, and **16.0227, 17.3489, 50.6483** is the 20% darker color. If you saturate the color by 10%, you get **31.5748, 36.5342, 92.5771**, and if you desaturate by 10%, it is **33.4101, 39.6217, 93.0764**.

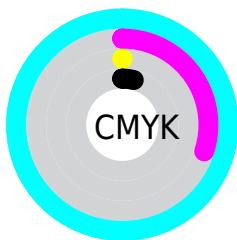
Distribution



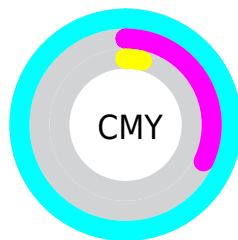
- Red (0%)
- Green (68%)
- Blue (96%)



- Red (0%)
- Yellow (40%)
- Blue (96%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (32%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5781, 36.5410, 92.5775 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 31.5781, 36.5410, 92.5775 by changing the saturation by 10% instead.

■ 31.5781, 36.5410,
92.5775

■ 31.5781, 36.5410,
92.5775

300.9724,
331.3190, 557.1652

■ 21.1934, 24.8523,
69.5347

■ 61.5188, 69.8663,
152.8802

■ 13.3787, 15.9671,
50.6728

■ 81.8055, 92.2716,
190.9771

■ 7.7687, 9.5008,
35.5734

■ 106.1236,
119.0180, 234.9292

■ 3.9978, 5.0693,
23.8178

■ 134.8384,
150.4898, 285.1549

■ 1.7009, 2.2880,
14.9876

■ 168.3154,
187.0714, 342.0728

■ 0.4568, 0.7673,
8.6641

206.9198,

■ 0.0000, 0.0000,

229.1472, 406.1015

4.4290

251.0170,
277.1016, 477.6594

■ 0.0000, 0.0000,
1.8635

■ 0.0000, 0.0000,
0.4694

■ 31.5781, 36.5410,
92.5775

■ 31.5781, 36.5410,
92.5775

■ 31.5748, 36.5342,
92.5771

■ 33.4101, 39.6217,
93.0764

■ 35.8133, 43.1117,
93.6233

■ 38.9429, 47.0933,
94.2269

■ 42.8920, 51.6160,
94.8917

■ 47.7388, 56.7220,
95.6219

■ 53.5521, 62.4482,
96.4207

■ 60.3933, 68.8280,
97.2916

■ 68.3187, 75.8918,
98.2373

■ 77.3803, 83.6680,
99.2607

Harmonies

Analogous

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



25.9945, 36.5410, 76.3238



31.5781, 36.5410, 92.5775



38.8407, 36.5410, 91.6323

Triad

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



31.5781, 36.5410, 92.5775



49.8793, 36.5410, 29.4954



25.5720, 36.5410, 18.1523

Complementary

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



31.5781, 36.5410, 92.5775



40.3936, 24.3669, 2.5762

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.



30.9221, 36.5410, 12.4775



31.5781, 36.5410, 92.5775



45.2341, 36.5410, 17.2917

Square

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



31.5781, 36.5410, 92.5775



50.1198, 36.5410, 49.8512



38.0873, 36.5410, 12.2299



22.8668, 36.5410, 31.1775

Rectangle

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



31.5781, 36.5410, 92.5775



43.6966, 36.5410, 81.2651



38.0873, 36.5410, 12.2299



27.0844, 36.5410, 15.5553

Sweetspot

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



31.5795, 36.5422, 92.5784



65.4642, 74.6226, 105.5610



34.0544, 66.3515, 16.7650



13.3117, 15.3280, 22.5069



0.0000, 0.0000, 0.0000



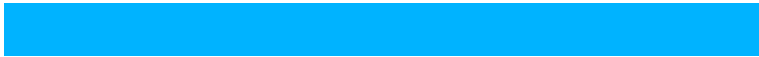
20.3446, 21.4041, 23.3091

Same Dimension

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



31.5795, 36.5422, 92.5784



34.2323, 39.5847, 100.4441



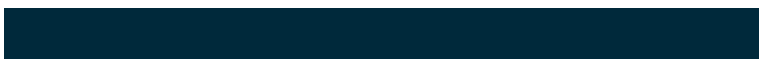
17.9248, 9.2328, 88.0269



16.5571, 17.8786, 21.1208



16.9813, 19.7563, 49.4564



1.5817, 1.9148, 4.3765

Inverse Universe

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



45.5501, 22.6116, 41.4999



49.4081, 24.5272, 44.9426



57.0138, 57.6072, 8.1163



16.9918, 16.6796, 19.7034



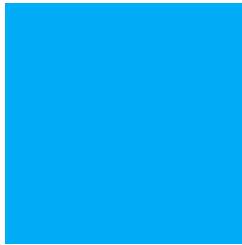
24.3759, 12.0938, 22.4855



2.1874, 1.0809, 2.2133

Previews

White Background



This preview shows how the XYZ color 31.5781, 36.5410, 92.5775 looks on a white background.

Color Contrast Check

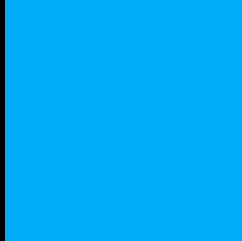
Large Text (above 18pt) WCAG AA × Fail

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 31.5781, 36.5410, 92.5775 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

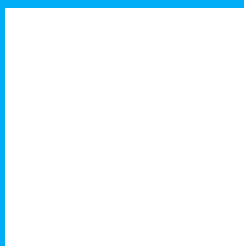
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5781, 36.5410, 92.5775

Background



This preview shows how black text looks on a background with the XYZ color 31.5781, 36.5410, 92.5775.



This preview shows how white text looks on a background with the XYZ color 31.5781, 36.5410,

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

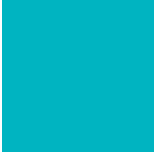
31.5781, 36.5410, 92.5775

Protanopia

37.7101, 36.1128, 83.5802

Deuteranopia

37.3150, 36.1808, 94.6394



Tritanopia

25.9469, 36.4928, 56.1283

Trichromacy



Original Color

31.5781, 36.5410, 92.5775

Protanomaly

32.7859, 34.8092, 86.6522

Deuteranomaly

33.3001, 35.1834, 93.8429

Tritanomaly

27.6058, 36.1977, 67.8192

Monochromacy



Original Color

31.5781, 36.5410, 92.5775

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2926, 25.3753, 42.8054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5781, 36.5410, 92.5775 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 246) }
```

Border

The CSS property to change the border of an element to XYZ 31.5781, 36.5410, 92.5775 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, 246) }
```


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

```
.border{ border-color:rgb(0, 173, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5781, 36.5410, 92.5775 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, 246) }
```

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

```
.background{ background-color: rgb(0, 173,  
246) }
```

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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