

Converting Colors

XYZ(36.0628, 44.6059, 97.6835)

Have a look what the booklet for
XYZ(36.0628, 44.6059, 97.6835)
contains.

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Color

**XYZ(36.2622, 44.6643,
97.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0FB
RGB	0, 192, 251
RGB Percent	0%, 75%, 98%
CMY	0.9997, 0.2471, 0.0157
CMYK	1.00, 0.24, 0.00, 0.02
HSL	194°, 100%, 49%
HSV	194°, 100%, 98%
XYZ	36.2622, 44.6643, 97.9766
YIQ	141.3180, -133.3710, -22.3550

Conversions

Conversions Part 2

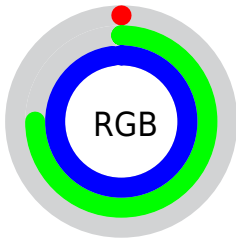
Format	Color
RYB	0, 109, 251
Decimal	49403
CIELab	72.67, -19.56, -40.21
CIElCh	73, 44.712, 244.057
Yxy	44.6643, 0.2027, 0.2497
Android (android.graphics.Color)	4278239483 (0xFF00C0FB)
YUV	141.3180, 54.0732, -123.9359
Hunter-Lab	66.8314, -20.1021, -40.1388

Details

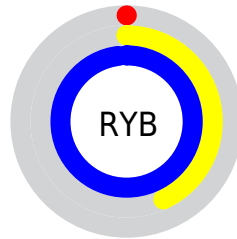
The XYZ color **36.2622, 44.6643, 97.9766** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **41.3521, 23.6448, 2.3865**, and the grayscale version is **25.2830, 26.5997, 28.9671**.

A 20% lighter version of the original color is **58.4275, 77.8655, 106.5578**, and **18.8261, 22.0720, 54.3070** is the 20% darker color. If you saturate the color by 10%, you get **36.2592, 44.6579, 97.9764**, and if you desaturate by 10%, it is **37.9900, 47.5182, 98.4373**.

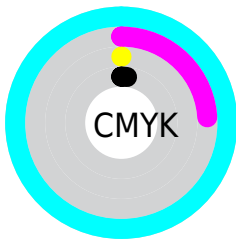
Distribution



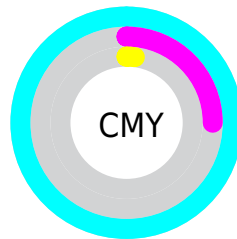
- Red (0%)
- Green (75%)
- Blue (98%)



- Red (0%)
- Yellow (43%)
- Blue (98%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2622, 44.6643, 97.9766 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 36.2622, 44.6643, 97.9766 by changing the saturation by 10% instead.

36.2622, 44.6643,
97.9766

36.2622, 44.6643,
97.9766

321.5164,
365.4123, 574.8770

24.8078, 31.1931,
74.0044

68.7578, 82.2164,
160.4013

16.0619, 20.7459,
54.3008

90.5297, 107.0661,
199.6909

9.6591, 12.9384,
38.4474

116.4715,
136.4775, 244.9233

5.2340, 7.3861,
26.0256

146.9486,
170.8348, 296.5171

2.4214, 3.7047,
16.6168

182.3263,
210.5226, 354.8908

0.8558, 1.5098,
9.8026

222.9699,

0.0000, 0.2956,

255.9251, 420.4630

5.1644

269.2448,
307.4269, 493.6522

■ 0.0000, 0.0000,
2.2836

■ 0.0000, 0.0000,
0.7220

■ 36.2622, 44.6643,
97.9766

■ 36.2622, 44.6643,
97.9766

■ 36.2592, 44.6579,
97.9764

■ 37.9900, 47.5182,
98.4373

■ 40.2883, 50.7434,
98.9387

■ 43.3179, 54.4246,
99.4896

■ 47.1764, 58.6128,
100.0946

■ 51.9454, 63.3510,
100.7578

■ 57.6964, 68.6768,
101.4827

■ 64.4936, 74.6241,
102.2724

■ 72.3955, 81.2239,
103.1298

■ 81.4560, 88.5048,
104.0576

Harmonies

Analogous

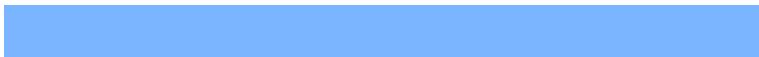
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.2665, 44.6643, 76.6549



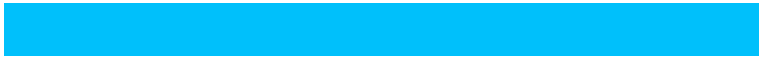
36.2622, 44.6643, 97.9766



43.5150, 44.6643, 104.8178

Triad

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



36.2622, 44.6643, 97.9766



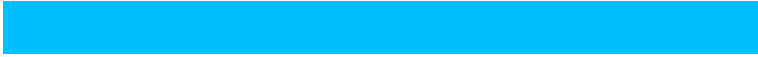
59.1152, 44.6643, 45.6747



34.6431, 44.6643, 21.1551

Complementary

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



36.2622, 44.6643, 97.9766



41.3521, 23.6448, 2.3865

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.



41.4066, 44.6643, 17.2790



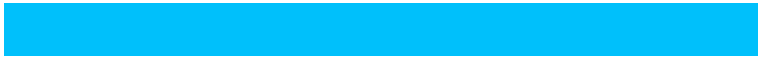
36.2622, 44.6643, 97.9766



56.0303, 44.6643, 28.4363

Square

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



36.2622, 44.6643, 97.9766



57.3083, 44.6643, 69.7883



49.3091, 44.6643, 19.4687



30.4146, 44.6643, 32.2519

Rectangle

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



36.2622, 44.6643, 97.9766



48.8199, 44.6643, 98.9260



49.3091, 44.6643, 19.4687



36.6636, 44.6643, 19.1483

Sweetspot

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



36.2638, 44.6658, 97.9777



66.8130, 77.3202, 106.0106



35.2781, 69.3074, 15.6048



13.6357, 15.9760, 22.6149



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.



36.2638, 44.6658, 97.9777



37.5750, 46.2699, 101.5583



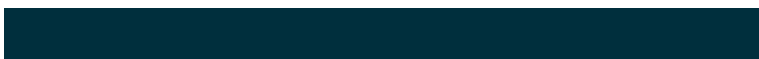
19.4200, 10.9783, 92.3631



17.3996, 18.8761, 22.1117



19.1765, 23.7085, 51.5390



1.8567, 2.3570, 4.8003

Inverse Universe

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



49.2995, 24.3169, 51.9657



51.0953, 25.2021, 53.8273



56.9429, 54.8266, 7.5834



17.8083, 17.4507, 20.8460



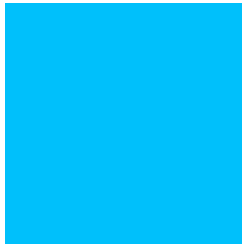
25.9714, 12.8043, 27.6216



2.4461, 1.2022, 2.7724

Previews

White Background



This preview shows how the XYZ color 36.2622, 44.6643, 97.9766 looks on a white background.

Color Contrast Check

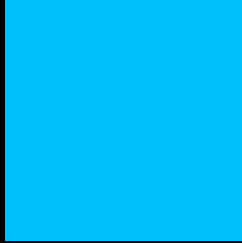
Large Text (above 18pt) WCAG AA × Fail

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 36.2622, 44.6643, 97.9766 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 36.2622, 44.6643, 97.9766

Background



This preview shows how black text looks on a background with the XYZ color 36.2622, 44.6643, 97.9766.



This preview shows how white text looks on a background with the XYZ color 36.2622, 44.6643,

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

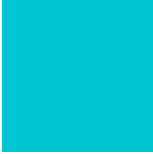
36.2622, 44.6643, 97.9766

Protanopia

45.0607, 44.2039, 87.0462

Deuteranopia

45.4126, 44.0830, 100.7231



Tritanopia

31.8499, 44.6860, 69.2339

Trichromacy



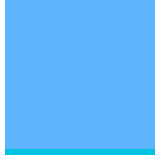
Original Color

36.2622, 44.6643, 97.9766



Protanomaly

38.0684, 42.2855, 90.9495



Deuteranomaly

39.0294, 42.5832, 99.9282



Tritanomaly

33.2426, 44.5212, 78.7929

Monochromacy



Original Color

36.2622, 44.6643, 97.9766



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

25.1277, 30.6515, 48.3080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2622, 44.6643, 97.9766 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, 192, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 251)  
}
```

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, 192, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 251) }
```

Border

The CSS property to change the border of an element to XYZ 36.2622, 44.6643, 97.9766 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, 192, 251) }
```


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

```
.border{ border-color:rgb(0, 192, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2622, 44.6643, 97.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 251) }
```

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

```
.background{ background-color: rgb(0, 192,  
251) }
```

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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