

Converting Colors

XYZ(35.4011, 44.4807, 92.9460)

Have a look what the booklet for
XYZ(35.4011, 44.4807, 92.9460)
contains.

XYZ(35.3311, 44.2918, 93.0732)	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(35.3311, 44.2918,
93.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0F5
RGB	0, 192, 245
RGB Percent	0%, 75%, 96%
CMY	0.9997, 0.2471, 0.0392
CMYK	1.00, 0.22, 0.00, 0.04
HSL	193°, 100%, 48%
HSV	193°, 100%, 96%
XYZ	35.3311, 44.2918, 93.0732
YIQ	140.6340, -131.4450, -24.2210

Conversions

Conversions Part 2

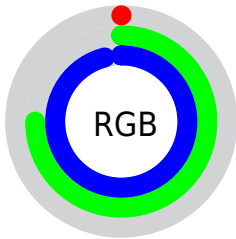
Format	Color
RYB	0, 108, 245
Decimal	49397
CIELab	72.42, -21.63, -37.36
CIELCh	72, 43.164, 239.934
Yxy	44.2918, 0.2046, 0.2565
Android (android.graphics.Color)	4278239477 (0xFF00C0F5)
YUV	140.6340, 51.4524, -123.3360
Hunter-Lab	66.5521, -21.7043, -36.3307

Details

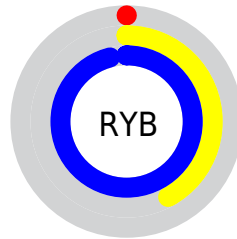
The XYZ color **35.3311, 44.2918, 93.0732** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **38.9335, 21.9659, 2.1900**, and the grayscale version is **25.0258, 26.3291, 28.6723**.

A 20% lighter version of the original color is **58.6078, 78.4161, 106.6546**, and **18.2738, 21.8511, 51.3987** is the 20% darker color. If you saturate the color by 10%, you get **35.3281, 44.2856, 93.0731**, and if you desaturate by 10%, it is **36.9074, 46.8645, 93.4876**.

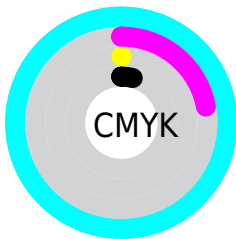
Distribution



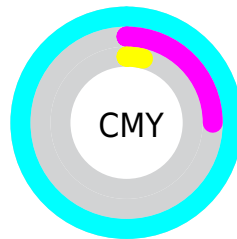
- Red (0%)
- Green (75%)
- Blue (96%)



- Red (0%)
- Yellow (42%)
- Blue (96%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3311, 44.2918, 93.0732 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 35.3311, 44.2918, 93.0732 by changing the saturation by 10% instead.

■ 35.3311, 44.2918,
93.0732

■ 35.3311, 44.2918,
93.0732

317.5099,
363.8977, 558.8040

■ 24.0857, 30.9000,
69.9443

■ 67.3290, 81.6567,
153.5725

■ 15.5223, 20.5227,
51.0046

■ 88.8123, 106.3985,
191.7801

■ 9.2755, 12.7756,
35.8355

■ 114.4389,
135.6924, 235.8510

■ 4.9798, 7.2742,
24.0185

■ 144.5743,
169.9229, 286.2037

■ 2.2701, 3.6342,
15.1350

■ 179.5837,
209.4742, 343.2568

■ 0.7793, 1.4711,
8.7665

219.8325,

■ 0.0000, 0.2683,

254.7309, 407.4289

4.4945

265.6861,
306.0772, 479.1384

■ 0.0000, 0.0000,
1.9004

■ 0.0000, 0.0000,
0.4930

■ 35.3311, 44.2918,
93.0732

■ 35.3311, 44.2918,
93.0732

■ 35.3281, 44.2856,
93.0731

■ 36.9074, 46.8645,
93.4876

■ 39.0147, 49.7731,
93.9380

■ 41.8063, 53.0980,
94.4326

■ 45.3735, 56.8869,
94.9759

■ 49.7934, 61.1801,
95.5716

■ 55.1330, 66.0128,
96.2230

■ 61.4527, 71.4166,
96.9330

■ 68.8075, 77.4206,
97.7042

■ 77.2483, 84.0516,
98.5392

Harmonies

Analogous

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



30.8797, 44.2918, 71.6902



35.3311, 44.2918, 93.0732



42.0815, 44.2918, 101.8809

Triad

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



35.3311, 44.2918, 93.0732



58.0819, 44.2918, 48.2737



35.3566, 44.2918, 20.7254

Complementary

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



35.3311, 44.2918, 93.0732



38.9335, 21.9659, 2.1900

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.



42.1146, 44.2918, 17.7668



35.3311, 44.2918, 93.0732



55.7493, 44.2918, 30.5379

Square

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



35.3311, 44.2918, 93.0732



55.7293, 44.2918, 71.7973



49.6781, 44.2918, 20.7525



30.8932, 44.2918, 30.4773

Rectangle

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



35.3311, 44.2918, 93.0732



47.1651, 44.2918, 97.8936



49.6781, 44.2918, 20.7525



37.4076, 44.2918, 19.0580

Sweetspot

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



35.3326, 44.2933, 93.0743



67.2297, 78.1535, 106.1495



33.2094, 65.5282, 13.8104



13.7361, 16.1766, 22.6484



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.



35.3326, 44.2933, 93.0743



38.6628, 48.4456, 101.9209



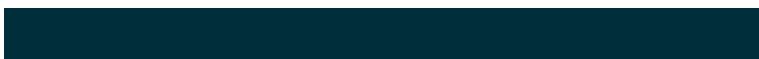
18.9016, 11.4313, 87.5973



16.6746, 18.1136, 21.1600



19.1376, 24.0690, 50.1752



1.7558, 2.2629, 4.4345

Inverse Universe

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



47.1721, 23.2202, 51.8661



51.6444, 25.4218, 56.7188



52.3190, 48.7369, 6.6518



17.0511, 16.7033, 20.0157



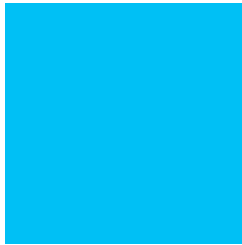
25.4643, 12.5292, 28.2171



2.2753, 1.1161, 2.6760

Previews

White Background



This preview shows how the XYZ color 35.3311, 44.2918, 93.0732 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 35.3311, 44.2918, 93.0732 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 35.3311, 44.2918, 93.0732

Background



This preview shows how black text looks on a background with the XYZ color 35.3311, 44.2918, 93.0732.



This preview shows how white text looks on a background with the XYZ color 35.3311, 44.2918,

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

35.3311, 44.2918, 93.0732

Protanopia

44.2578, 43.6187, 81.6879

Deuteranopia

45.0065, 43.9835, 95.7401



Tritanopia

31.4978, 44.1830, 68.4961

Trichromacy



Original Color

35.3311, 44.2918, 93.0732

Protanomaly

37.1437, 41.9287, 85.4922

Deuteranomaly

38.1865, 42.2580, 94.9509

Tritanomaly

32.8344, 44.3579, 76.6434

Monochromacy



Original Color

35.3311, 44.2918, 93.0732

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9239, 30.5699, 47.2348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3311, 44.2918, 93.0732 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 245) }
```

Border

The CSS property to change the border of an element to XYZ 35.3311, 44.2918, 93.0732 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, 245) }
```


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

```
.border{ border-color:rgb(0, 192, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3311, 44.2918, 93.0732 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, 245) }
```

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

```
.background{ background-color: rgb(0, 192,  
245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor