

Converting Colors

XYZ(35.2628, 46.0061, 88.1929)

Have a look what the booklet for
XYZ(35.2628, 46.0061, 88.1929)
contains.

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Color

**XYZ(35.3989, 46.1056,
87.9225)**

Conversions

Conversions Part 1

Format	Color
Hex	00C5EE
RGB	0, 197, 238
RGB Percent	0%, 77%, 93%
CMY	0.9997, 0.2274, 0.0667
CMYK	1.00, 0.17, 0.00, 0.07
HSL	190°, 100%, 47%
HSV	190°, 100%, 93%
XYZ	35.3989, 46.1056, 87.9225
YIQ	142.7710, -130.5730, -29.0130

Conversions

Conversions Part 2

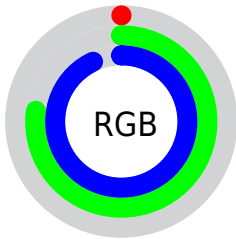
Format	Color
RYB	0, 108, 238
Decimal	50670
CIELab	73.61, -26.53, -31.73
CIElCh	74, 41.362, 230.106
Yxy	46.1056, 0.2089, 0.2721
Android (android.graphics.Color)	4278240750 (0xFF00C5EE)
YUV	142.7710, 46.9479, -125.2102
Hunter-Lab	67.9011, -25.7695, -29.2415

Details

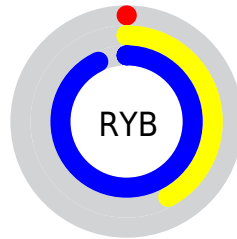
The XYZ color **35.3989, 46.1056, 87.9225** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **36.0558, 19.7678, 1.9171**, and the grayscale version is **25.8817, 27.2296, 29.6530**.

A 20% lighter version of the original color is **60.0474, 81.4831, 107.1707**, and **18.2660, 23.0223, 47.7370** is the 20% darker color. If you saturate the color by 10%, you get **35.3971, 46.1017, 87.9228**, and if you desaturate by 10%, it is **36.7171, 48.1873, 88.2557**.

Distribution



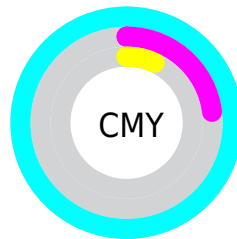
- Red (0%)
- Green (77%)
- Blue (93%)



- Red (0%)
- Yellow (42%)
- Blue (93%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)





- Cyan (100%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3989, 46.1056, 87.9225 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 35.3989, 46.1056, 87.9225 by changing the saturation by 10% instead.


 35.3989, 46.1056,
87.9225


 35.3989, 46.1056,
87.9225


317.8028,
371.2330, 541.6441


 24.1383, 32.3292,
65.6949

 67.4332, 84.3770,
146.3594

 15.5615, 21.6130,
47.5699


 88.9376, 109.6408,
183.4059


 9.3033, 13.5728,
33.1288


 114.5873,
139.5024, 226.2290

 4.9982, 7.8242,
21.9532

 144.7477,
174.3464, 275.2474

 2.2810, 3.9827,
13.6245

 179.7841,
214.5570, 330.8796

 0.7849, 1.6639,
7.7242

220.0618,

 0.0000, 0.4001,

260.5188, 393.5440

3.8338

265.9463,
312.6160, 463.6594

■ 0.0000, 0.0000,
1.5346

■ 0.0000, 0.0000,
0.2435

■ 35.3989, 46.1056,
87.9225

■ 35.3989, 46.1056,
87.9225

■ 35.3971, 46.1017,
87.9228

■ 36.7171, 48.1873,
88.2557

■ 38.5163, 50.5540,
88.6177

■ 40.9411, 53.2814,
89.0164

■ 44.0764, 56.4136,
89.4557

■ 47.9935, 59.9875,
89.9391

■ 52.7548, 64.0357,
90.4695

■ 58.4162, 68.5872,
91.0497

■ 65.0288, 73.6687,
91.6820

■ 72.6399, 79.3047,
92.3687

Harmonies

Analogous

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



31.8870, 46.1056, 65.3753



35.3989, 46.1056, 87.9225



41.4473, 46.1056, 101.3145

Triad

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



35.3989, 46.1056, 87.9225



59.2047, 46.1056, 57.4522



39.1586, 46.1056, 21.0609

Complementary

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



35.3989, 46.1056, 87.9225



36.0558, 19.7678, 1.9171

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.



46.2857, 46.1056, 20.0371



35.3989, 46.1056, 87.9225



58.4157, 46.1056, 37.5780

Square

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



35.3989, 46.1056, 87.9225



55.5346, 46.1056, 80.7535



53.4853, 46.1056, 25.1867



33.8842, 46.1056, 28.5285

Rectangle

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



35.3989, 46.1056, 87.9225



46.3389, 46.1056, 101.2731



53.4853, 46.1056, 25.1867



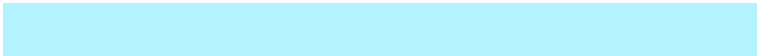
41.3979, 46.1056, 20.0511

Sweetspot

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



35.4005, 46.1072, 87.9236



68.2231, 80.1404, 106.4806



30.9540, 61.3015, 12.1837



13.9758, 16.6561, 22.7283



0.0000, 0.0000, 0.0000



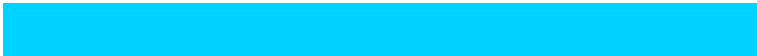
20.3446, 21.4041, 23.3091

Same Dimension

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



35.4005, 46.1072, 87.9236



41.3594, 53.8388, 102.8198



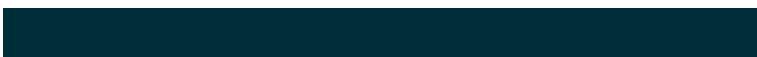
18.2569, 11.8201, 82.2091



16.0021, 17.4384, 20.2441



19.8322, 25.8887, 49.0796



1.7103, 2.2745, 4.1031

Inverse Universe

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



45.3394, 22.2101, 54.7222



53.0055, 25.9662, 63.8864



47.6054, 42.8671, 5.7670



16.3305, 15.9819, 19.2967



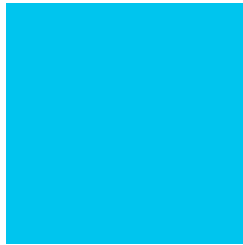
25.3360, 12.4068, 30.7497



2.1382, 1.0443, 2.7187

Previews

White Background



This preview shows how the XYZ color 35.3989, 46.1056, 87.9225 looks on a white background.

Color Contrast Check

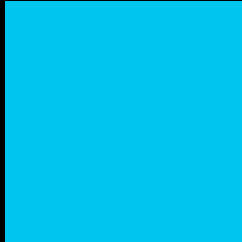
Large Text (above 18pt) WCAG AA × Fail

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 35.3989, 46.1056, 87.9225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

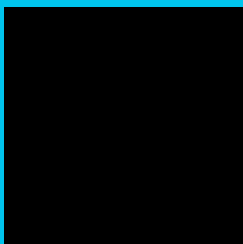
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

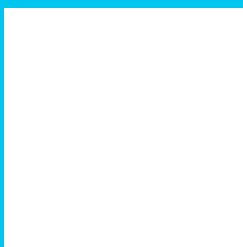
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3989, 46.1056, 87.9225

Background



This preview shows how black text looks on a background with the XYZ color 35.3989, 46.1056, 87.9225.



This preview shows how white text looks on a background with the XYZ color 35.3989, 46.1056,

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

35.3989, 46.1056, 87.9225

Protanopia

45.5234, 45.5474, 76.9132

Deuteranopia

46.8001, 45.5967, 91.1284



Tritanopia

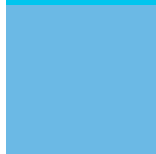
32.9200, 46.2148, 71.4753

Trichromacy



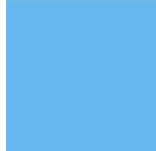
Original Color

35.3989, 46.1056, 87.9225



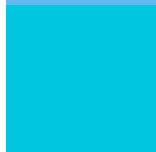
Protanomaly

37.5552, 43.4809, 80.5420



Deuteranomaly

38.6112, 43.5154, 89.5834



Tritanomaly

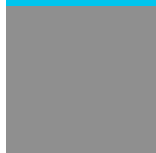
33.7427, 46.1746, 76.9462

Monochromacy



Original Color

35.3989, 46.1056, 87.9225



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

25.4475, 31.6329, 46.8840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3989, 46.1056, 87.9225 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, 197, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 238)  
}
```

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, 197, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 238) }
```

Border

The CSS property to change the border of an element to XYZ 35.3989, 46.1056, 87.9225 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, 197, 238) }
```


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

```
.border{ border-color:rgb(0, 197, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3989, 46.1056, 87.9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 238) }
```

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

```
.background{ background-color: rgb(0, 197,  
238) }
```

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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