

Converting Colors

XYZ(43.2989, 57.1039,
103.3478)

Have a look what the booklet for
XYZ(43.2989, 57.1039, 103.3478)
contains.

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Color

**XYZ(43.2889, 57.0653,
103.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	1AD9FF
RGB	26, 217, 255
RGB Percent	10%, 85%, 100%
CMY	0.8979, 0.1490, 0.0000
CMYK	0.90, 0.15, 0.00, 0.00
HSL	190°, 100%, 55%
HSV	190°, 90%, 100%
XYZ	43.2889, 57.0653, 103.3409
YIQ	164.2230, -126.0340, -28.6740

Conversions

Conversions Part 2

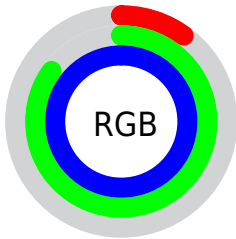
Format	Color
R _Y B	26, 130, 255
Decimal	1759743
CIE Lab	80.22, -30.03, -30.66
CIE LCh	80, 42.915, 225.591
Yxy	57.0653, 0.2125, 0.2802
Android (android.graphics.Color)	4279949823 (0xFF1AD9FF)
YUV	164.2230, 44.7531, -121.2216
Hunter-Lab	75.5416, -29.9088, -28.2296

Details

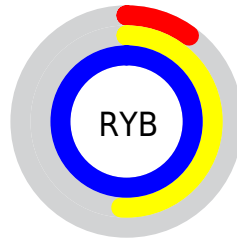
The XYZ color **43.2889, 57.0653, 103.3409** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.2624, 25.0058, 3.5260**, and the grayscale version is **35.2355, 37.0705, 40.3698**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **23.1134, 29.9179, 57.9826** is the 20% darker color. If you saturate the color by 10%, you get **41.7934, 54.6968, 102.9625**, and if you desaturate by 10%, it is **45.3610, 59.7748, 103.7547**.

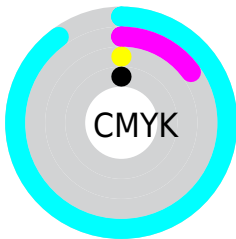
Distribution



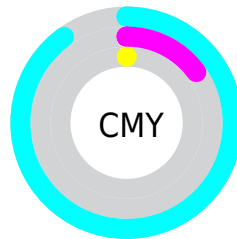
- Red (10%)
- Green (85%)
- Blue (100%)



- Red (10%)
- Yellow (51%)
- Blue (100%)



- Cyan (90%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)





- Cyan (90%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2889, 57.0653, 103.3409 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 43.2889, 57.0653, 103.3409 by changing the saturation by 10% instead.


 43.2889, 57.0653,
103.3409


 43.2889, 57.0653,
103.3409


350.6999,
413.6940, 592.1895


 30.3074, 41.0577,
78.4612


 79.3996, 100.5605,
167.8326


 20.2212, 28.3641,
57.9342


 103.2595,
128.8168, 208.2817

 12.6652, 18.6003,
41.3414


 131.4763,
161.9248, 254.7576

 7.2738, 11.3819,
28.2643


 164.4152,
200.2689, 307.6790

 3.6818, 6.3243,
18.2842

202.4417,
244.2335, 367.4644

 1.5237, 3.0433,
10.9827

245.9211,

 0.3419, 1.1544,

294.2029, 434.5322

5.9411

295.2187,
350.5616, 509.3011

■ 0.0000, 0.0239,
2.7411

■ 0.0000, 0.0000,
0.9640

■ 43.2889, 57.0653,
103.3409

■ 43.2889, 57.0653,
103.3409

■ 41.7934, 54.6968,
102.9625

■ 45.3610, 59.7748,
103.7547

■ 41.7641, 54.6483,
102.9547

■ 48.1653, 62.9024,
104.2105

■ 51.8038, 66.5023,
104.7136

■ 56.3610, 70.6182,
105.2679

■ 61.9108, 75.2885,
105.8768

■ 68.5192, 80.5475,
106.5436

■ 76.2466, 86.4267,
107.2711

■ 85.1487, 92.9551,
108.0621

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



39.5835, 57.0653, 76.0173



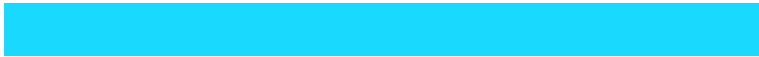
43.2889, 57.0653, 103.3409



50.1560, 57.0653, 121.5194

Triad

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



43.2889, 57.0653, 103.3409



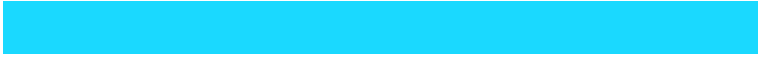
72.2360, 57.0653, 74.9228



49.8380, 57.0653, 26.2993

Complementary

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



43.2889, 57.0653, 103.3409



43.2624, 25.0058, 3.5260

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.



58.5375, 57.0653, 26.1543



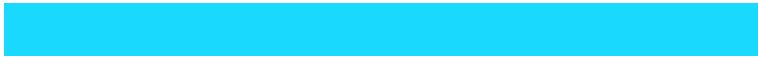
43.2889, 57.0653, 103.3409



72.1272, 57.0653, 50.0539

Square

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



43.2889, 57.0653, 103.3409



67.1782, 57.0653, 102.3561



66.8952, 57.0653, 33.6603



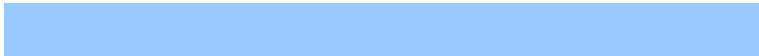
43.0778, 57.0653, 34.1301

Rectangle

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



43.2889, 57.0653, 103.3409



55.8960, 57.0653, 123.5438



66.8952, 57.0653, 33.6603



52.6148, 57.0653, 25.4379

Sweetspot

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



43.2906, 57.0672, 103.3412



70.5588, 82.1231, 106.7403



37.0128, 72.0705, 16.2886



14.5705, 17.1662, 22.7954



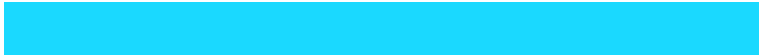
0.0000, 0.0000, 0.0000



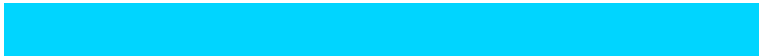
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2906, 57.0672, 103.3412



41.7641, 54.6483, 102.9547



23.6492, 17.7845, 96.7940



18.2832, 19.9380, 23.1347



21.9177, 28.7450, 53.8277



2.1992, 2.9291, 5.2627

Inverse Universe

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



54.1350, 27.0105, 68.0078



53.2098, 26.0479, 64.9621



56.7304, 51.9418, 8.0154



18.6556, 18.2455, 22.0694



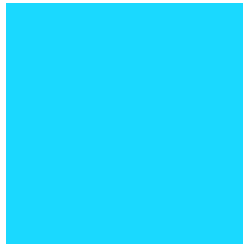
27.8512, 13.6298, 34.1967



2.7447, 1.3402, 3.5028

Previews

White Background



This preview shows how the XYZ color 43.2889, 57.0653, 103.3409 looks on a white background.

Color Contrast Check

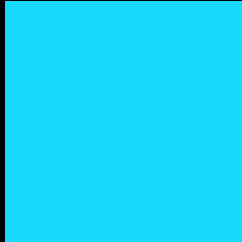
Large Text (above 18pt) WCAG AA × Fail

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 43.2889, 57.0653, 103.3409 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 43.2889, 57.0653, 103.3409

Background



This preview shows how black text looks on a background with the XYZ color 43.2889, 57.0653, 103.3409.

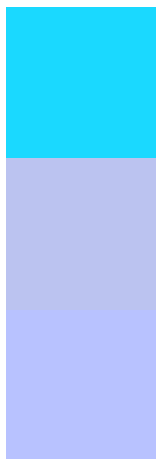


This preview shows how white text looks on a background with the XYZ color 43.2889, 57.0653,

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

43.2889, 57.0653, 103.3409

Protanopia

55.7368, 55.8863, 90.2876

Deuteranopia

57.1090, 55.9939, 102.4057



Tritanopia

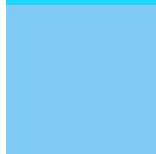
40.6176, 56.7775, 88.9391

Trichromacy



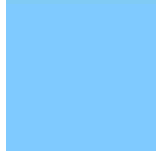
Original Color

43.2889, 57.0653, 103.3409



Protanomaly

46.7395, 53.8936, 94.3253



Deuteranomaly

47.9229, 53.9731, 102.4998



Tritanomaly

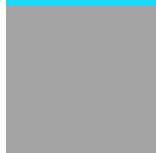
41.5132, 56.7325, 94.3505

Monochromacy



Original Color

43.2889, 57.0653, 103.3409



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.9510, 41.4756, 59.0395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2889, 57.0653, 103.3409 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(26, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 217, 255)  
}
```

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(26, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.2889, 57.0653, 103.3409 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(26, 217, 255) }
```


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

```
.border{ border-color:rgb(26, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(26, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2889, 57.0653, 103.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 217, 255) }
```

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

```
.background{ background-color: rgb(26, 217,  
255) }
```

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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