

Converting Colors

XYZ(43.2909, 60.2603, 95.5759)

Have a look what the booklet for
XYZ(43.2909, 60.2603, 95.5759)
contains.

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Color

**XYZ(43.4066, 60.4430,
95.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	00E1F5
RGB	0, 225, 245
RGB Percent	0%, 88%, 96%
CMY	0.9997, 0.1176, 0.0392
CMYK	1.00, 0.08, 0.00, 0.04
HSL	185°, 100%, 48%
HSV	185°, 100%, 96%
XYZ	43.4066, 60.4430, 95.7651
YIQ	160.0050, -140.5200, -41.4800

Conversions

Conversions Part 2

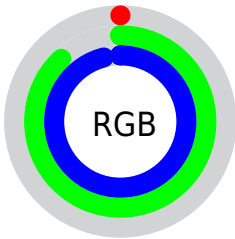
Format	Color
RYB	0, 117, 245
Decimal	57845
CIELab	82.08, -37.71, -22.52
CIELCh	82, 43.922, 210.848
Yxy	60.4430, 0.2175, 0.3028
Android (android.graphics.Color)	4278247925 (0xFF00E1F5)
YUV	160.0050, 41.9025, -140.3244
Hunter-Lab	77.7451, -36.3939, -18.6109

Details

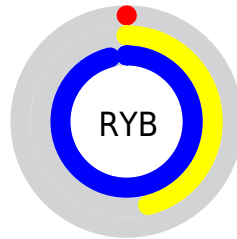
The XYZ color **43.4066, 60.4430, 95.7651** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **37.9083, 19.9154, 1.8479**, and the grayscale version is **33.2850, 35.0184, 38.1350**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **23.3733, 32.0501, 53.0985** is the 20% darker color. If you saturate the color by 10%, you get **43.4063, 60.4419, 95.7661**, and if you desaturate by 10%, it is **44.3419, 61.7339, 95.9661**.

Distribution



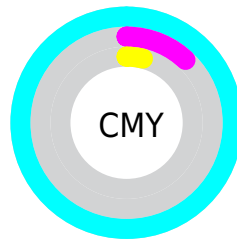
- Red (0%)
- Green (88%)
- Blue (96%)



- Red (0%)
- Yellow (46%)
- Blue (96%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4066, 60.4430, 95.7651 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 43.4066, 60.4430, 95.7651 by changing the saturation by 10% instead.

43.4066, 60.4430,
95.7651

43.4066, 60.4430,
95.7651

351.1745,
426.2287, 567.6583

30.4002, 43.7758,
72.1715

79.5760, 105.4720,
157.3259

20.2921, 30.4943,
52.8111

103.4696,
134.6026, 196.1301

12.7171, 20.2141,
37.2653

131.7231,
168.6565, 240.8417

7.3096, 12.5508,
25.1156

164.7016,
208.0181, 291.8791

3.7045, 7.1199,
15.9434

202.7707,
253.0717, 349.6610

1.5364, 3.5372,
9.3302

246.2956,

0.3504, 1.4182,

304.2017, 414.6058

4.8574

295.6418,
361.7926, 487.1320

■ 0.0000, 0.2301,
2.1066

■ 0.0000, 0.0000,
0.6197

■ 43.4066, 60.4430,
95.7651

■ 43.4066, 60.4430,
95.7651

■ 43.4063, 60.4419,
95.7661

■ 44.3419, 61.7339,
95.9661

■ 45.7718, 63.2880,
96.1907

■ 47.8494, 65.1855,
96.4475

■ 50.6659, 67.4734,
96.7406

■ 54.2978, 70.1911,
97.0738

■ 58.8118, 73.3732,
97.4501

■ 64.2679, 77.0506,
97.8723

■ 70.7209, 81.2514,
98.3431

■ 78.2210, 86.0018,
98.8647

Harmonies

Analogous

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



41.3405, 60.4430, 66.5737



43.4066, 60.4430, 95.7651



49.1605, 60.4430, 121.5258

Triad

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



43.4066, 60.4430, 95.7651



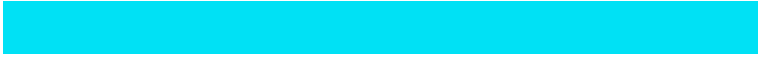
74.5492, 60.4430, 94.0876



57.1848, 60.4430, 26.6998

Complementary

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



43.4066, 60.4430, 95.7651



37.9083, 19.9154, 1.8479

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.



66.6209, 60.4430, 30.4170



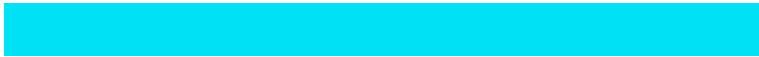
43.4066, 60.4430, 95.7651



77.2780, 60.4430, 65.0564

Square

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



43.4066, 60.4430, 95.7651



67.1287, 60.4430, 120.3875



74.2344, 60.4430, 42.8634



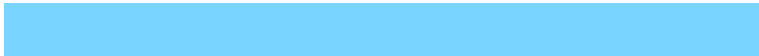
48.7481, 60.4430, 30.8728

Rectangle

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



43.4066, 60.4430, 95.7651



54.6479, 60.4430, 130.5344



74.2344, 60.4430, 42.8634



60.3448, 60.4430, 27.0561

Sweetspot

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



43.4085, 60.4452, 95.7666



70.3247, 84.3436, 107.1812



32.7502, 65.3447, 11.3925



14.4851, 17.6747, 22.8981



0.0000, 0.0000, 0.0000



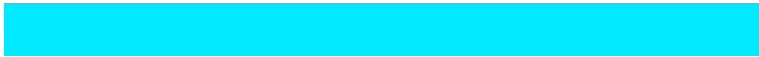
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4085, 60.4452, 95.7666



47.5241, 66.1682, 104.8747



21.6576, 16.9433, 88.5163



16.8742, 18.5127, 21.2265



23.4326, 32.6590, 51.6068



2.0931, 2.9376, 4.5469

Inverse Universe

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



51.2484, 24.8506, 73.3319



56.1172, 27.2109, 80.2721



46.8697, 37.8383, 4.8351



17.1518, 16.7436, 20.5461



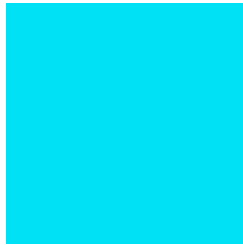
27.6322, 13.3963, 39.6332



2.4456, 1.1842, 3.5727

Previews

White Background



This preview shows how the XYZ color 43.4066, 60.4430, 95.7651 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 43.4066, 60.4430, 95.7651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

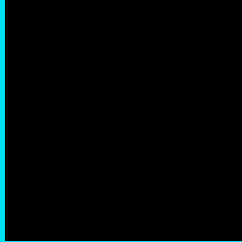
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4066, 60.4430, 95.7651

Background



This preview shows how black text looks on a background with the XYZ color 43.4066, 60.4430, 95.7651.

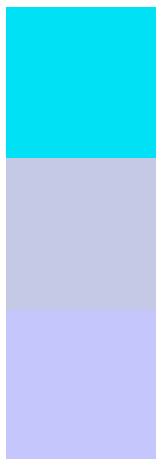


This preview shows how white text looks on a background with the XYZ color 43.4066, 60.4430,

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

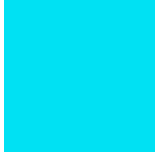
43.4066, 60.4430, 95.7651

Protanopia

58.3182, 59.4362, 82.5274

Deuteranopia

60.6326, 59.2235, 99.5024



Tritanopia

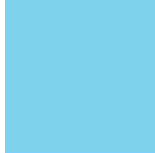
43.1029, 60.3215, 94.1655

Trichromacy



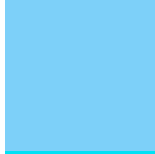
Original Color

43.4066, 60.4430, 95.7651



Protanomaly

46.6462, 56.5270, 87.0495



Deuteranomaly

48.1122, 56.3113, 97.9559



Tritanomaly

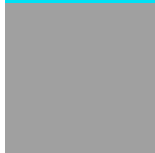
43.2543, 60.3821, 94.9631

Monochromacy



Original Color

43.4066, 60.4430, 95.7651



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

32.0239, 40.8673, 55.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4066, 60.4430, 95.7651 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, 225, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 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, 225, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 245) }
```

Border

The CSS property to change the border of an element to XYZ 43.4066, 60.4430, 95.7651 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, 225, 245) }
```


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

```
.border{ border-color:rgb(0, 225, 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, 225, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 225,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4066, 60.4430, 95.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 245) }
```

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

```
.background{ background-color: rgb(0, 225,  
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](#).

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