

Converting Colors

XYZ(43.7576, 61.1937, 95.7315)

Have a look what the booklet for
XYZ(43.7576, 61.1937, 95.7315)
contains.

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Color

**XYZ(43.6778, 60.9853,
95.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	00E2F5
RGB	0, 226, 245
RGB Percent	0%, 89%, 96%
CMY	0.9997, 0.1137, 0.0392
CMYK	1.00, 0.08, 0.00, 0.04
HSL	185°, 100%, 48%
HSV	185°, 100%, 96%
XYZ	43.6778, 60.9853, 95.8555
YIQ	160.5920, -140.7950, -42.0030

Conversions

Conversions Part 2

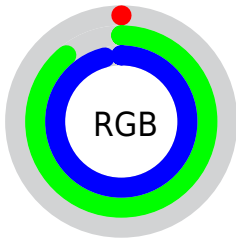
Format	Color
RYB	0, 118, 245
Decimal	58101
CIELab	82.37, -38.17, -22.08
CIELCh	82, 44.094, 210.046
Yxy	60.9853, 0.2178, 0.3041
Android (android.graphics.Color)	4278248181 (0xFF00E2F5)
YUV	160.5920, 41.6131, -140.8392
Hunter-Lab	78.0931, -36.8271, -18.1105

Details

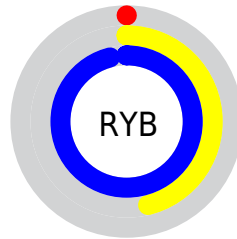
The XYZ color **43.6778, 60.9853, 95.8555** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **37.8911, 19.8810, 1.8423**, and the grayscale version is **33.5576, 35.3052, 38.4473**.

A 20% lighter version of the original color is **61.0125, 82.4530, 107.3071**, and **23.5600, 32.4236, 53.1607** is the 20% darker color. If you saturate the color by 10%, you get **43.6774, 60.9841, 95.8565**, and if you desaturate by 10%, it is **44.5889, 62.2276, 96.0484**.

Distribution



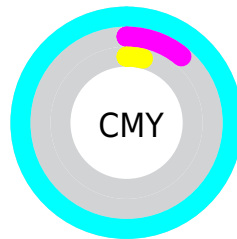
- Red (0%)
- Green (89%)
- Blue (96%)



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



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



- Cyan (100%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6778, 60.9853, 95.8555 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 43.6778, 60.9853, 95.8555 by changing the saturation by 10% instead.

43.6778, 60.9853,
95.8555

43.6778, 60.9853,
95.8555

352.2663,
428.2201, 567.9543

30.6141, 44.2133,
72.2464

79.9820, 106.2577,
157.4517

20.4556, 30.8382,
52.8719

103.9533,
135.5268, 196.2759

12.8368, 20.4757,
37.3135

132.2911,
169.7304, 241.0089

7.3925, 12.7413,
25.1526

165.3609,
209.2530, 292.0692

3.7573, 7.2506,
15.9708

203.5279,
254.4788, 349.8753

1.5657, 3.6193,
9.3493

247.1576,

0.3699, 1.4630,

305.7924, 414.8459

4.8698

296.6153,
363.5780, 487.3993

■ 0.0000, 0.2625,
2.1137

■ 0.0000, 0.0000,
0.6239

■ 43.6778, 60.9853,
95.8555

■ 43.6778, 60.9853,
95.8555

■ 43.6774, 60.9841,
95.8565

■ 44.5889, 62.2276,
96.0484

■ 45.9939, 63.7319,
96.2647

■ 48.0462, 65.5784,
96.5130

■ 50.8367, 67.8140,
96.7974

■ 54.4419, 70.4783,
97.1217

■ 58.9287, 73.6056,
97.4888

■ 64.3570, 77.2270,
97.9017

■ 70.7815, 81.3707,
98.3629

■ 78.2526, 86.0626,
98.8748

Harmonies

Analogous

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



41.6964, 60.9853, 66.4439



43.6778, 60.9853, 95.8555



49.3961, 60.9853, 122.1417

Triad

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



43.6778, 60.9853, 95.8555



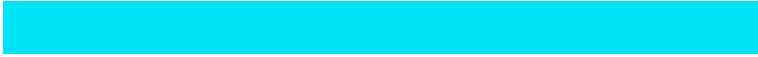
75.0870, 60.9853, 95.7642



57.9503, 60.9853, 26.9099

Complementary

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



43.6778, 60.9853, 95.8555



37.8911, 19.8810, 1.8423

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.



67.4710, 60.9853, 30.8789



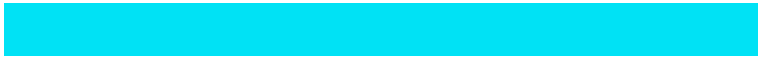
43.6778, 60.9853, 95.8555



77.9942, 60.9853, 66.3613

Square

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



43.6778, 60.9853, 95.8555



67.4987, 60.9853, 122.0798



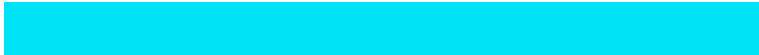
75.0699, 60.9853, 43.7006



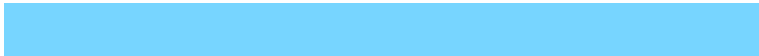
49.3736, 60.9853, 30.9037

Rectangle

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



43.6778, 60.9853, 95.8555



54.8946, 60.9853, 131.5906



75.0699, 60.9853, 43.7006



61.1472, 60.9853, 27.3391

Sweetspot

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



43.6797, 60.9875, 95.8570



70.4212, 84.5365, 107.2133



32.7503, 65.3448, 11.3927



14.5085, 17.7215, 22.9059



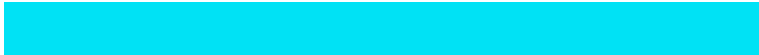
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.6797, 60.9875, 95.8570



47.8215, 66.7631, 104.9738



21.6579, 16.9439, 88.5164



16.8803, 18.5249, 21.2285



23.5765, 32.9467, 51.6548



2.1042, 2.9599, 4.5506

Inverse Universe

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



51.3854, 24.9054, 74.0527



56.2673, 27.2709, 81.0627



46.8701, 37.8389, 4.8353



17.1549, 16.7448, 20.5623



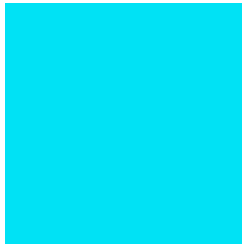
27.7048, 13.4254, 40.0155



2.4512, 1.1864, 3.6023

Previews

White Background



This preview shows how the XYZ color 43.6778, 60.9853, 95.8555 looks on a white background.

Color Contrast Check

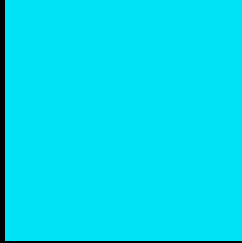
Large Text (above 18pt) WCAG AA × Fail

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 43.6778, 60.9853, 95.8555 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 43.6778, 60.9853, 95.8555

Background



This preview shows how black text looks on a background with the XYZ color 43.6778, 60.9853, 95.8555.

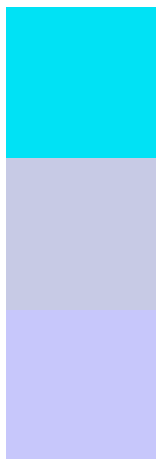


This preview shows how white text looks on a background with the XYZ color 43.6778, 60.9853,

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

43.6778, 60.9853, 95.8555

Protanopia

58.8166, 60.0403, 82.6177

Deuteranopia

61.3892, 59.9540, 99.6035



Tritanopia

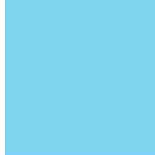
43.5255, 60.9244, 95.0535

Trichromacy



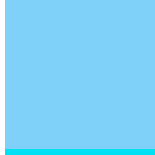
Original Color

43.6778, 60.9853, 95.8555



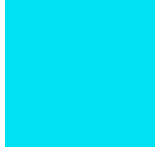
Protanomaly

47.0421, 57.0987, 87.1390



Deuteranomaly

48.6517, 56.9525, 98.0512



Tritanomaly

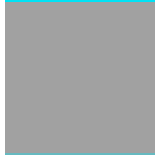
43.5255, 60.9244, 95.0535

Monochromacy



Original Color

43.6778, 60.9853, 95.8555



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

32.3429, 41.3285, 56.1417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6778, 60.9853, 95.8555 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, 226, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 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, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 245) }
```

Border

The CSS property to change the border of an element to XYZ 43.6778, 60.9853, 95.8555 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, 226, 245) }
```


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

```
.border{ border-color:rgb(0, 226, 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, 226, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6778, 60.9853, 95.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 245) }
```

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

```
.background{ background-color: rgb(0, 226,  
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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