

Converting Colors

XYZ(39.0031, 58.4711, 93.5912)

Have a look what the booklet for
XYZ(39.0031, 58.4711, 93.5912)
contains.

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Color

**XYZ(43.2234, 60.8035,
93.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	00E2F2
RGB	0, 226, 242
RGB Percent	0%, 89%, 95%
CMY	0.9997, 0.1137, 0.0510
CMYK	1.00, 0.07, 0.00, 0.05
HSL	184°, 100%, 47%
HSV	184°, 100%, 95%
XYZ	43.2234, 60.8035, 93.4625
YIQ	160.2500, -139.8320, -42.9360

Conversions

Conversions Part 2

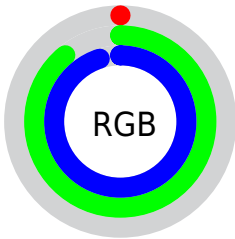
Format	Color
RYB	0, 117, 242
Decimal	58098
CIELab	82.27, -39.09, -20.64
CIElCh	82, 44.203, 207.832
Yxy	60.8035, 0.2189, 0.3079
Android (android.graphics.Color)	4278248178 (0xFF00E2F2)
YUV	160.2500, 40.3027, -140.5393
Hunter-Lab	77.9766, -37.5143, -16.4812

Details

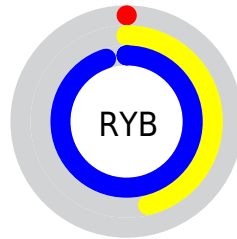
The XYZ color **43.2234, 60.8035, 93.4625** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **36.8052, 19.2503, 1.7779**, and the grayscale version is **33.4057, 35.1454, 38.2733**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **23.2377, 32.2946, 51.4631** is the 20% darker color. If you saturate the color by 10%, you get **43.2231, 60.8026, 93.4635**, and if you desaturate by 10%, it is **44.0448, 61.8772, 93.6276**.

Distribution



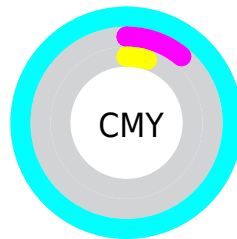
- Red (0%)
- Green (89%)
- Blue (95%)



- Red (0%)
- Yellow (46%)
- Blue (95%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2234, 60.8035, 93.4625 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 43.2234, 60.8035, 93.4625 by changing the saturation by 10% instead.

43.2234, 60.8035,
93.4625

43.2234, 60.8035,
93.4625

350.4357,
427.5532, 560.0891

30.2557, 44.0666,
70.2662

79.3015, 105.9944,
154.1160

20.1818, 30.7229,
51.2654

103.1426,
135.2171, 192.4103

12.6363, 20.3879,
36.0417

131.3389,
169.3706, 236.5743

7.2538, 12.6773,
24.1764

164.2557,
208.8393, 287.0266

3.6691, 7.2067,
15.2512

202.2585,
254.0075, 344.1856

1.5167, 3.5917,
8.8473

245.7125,

0.3371, 1.4479,

305.2596, 408.4701

4.5462

294.9831,
362.9800, 480.2984

■ 0.0000, 0.2516,
1.9295

■ 0.0000, 0.0000,
0.5114

■ 43.2234, 60.8035,
93.4625

■ 43.2234, 60.8035,
93.4625

■ 43.2231, 60.8026,
93.4635

■ 44.0448, 61.8772,
93.6276

■ 45.3443, 63.2022,
93.8149

■ 47.2713, 64.8568,
94.0327

■ 49.9141, 66.8864,
94.2851

■ 53.3468, 69.3294,
94.5758

■ 57.6344, 72.2192,
94.9076

■ 62.8349, 75.5857,
95.2833

■ 69.0014, 79.4563,
95.7054

■ 76.1827, 83.8563,
96.1762

Harmonies

Analogous

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



41.5322, 60.8035, 64.2637



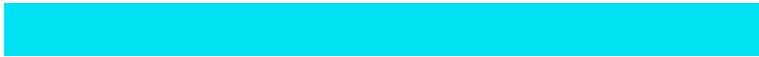
43.2234, 60.8035, 93.4625



48.6846, 60.8035, 120.4652

Triad

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



43.2234, 60.8035, 93.4625



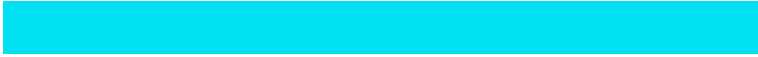
74.4997, 60.8035, 97.8006



58.4791, 60.8035, 26.7518

Complementary

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



43.2234, 60.8035, 93.4625



36.8052, 19.2503, 1.7779

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.



67.9695, 60.8035, 31.3165



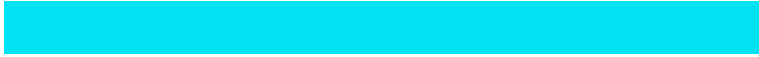
43.2234, 60.8035, 93.4625



77.8223, 60.8035, 68.1843

Square

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



43.2234, 60.8035, 93.4625



66.6571, 60.8035, 123.4105



75.3134, 60.8035, 44.8400



49.7498, 60.8035, 30.1415

Rectangle

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



43.2234, 60.8035, 93.4625



54.0616, 60.8035, 130.8715



75.3134, 60.8035, 44.8400



61.6899, 60.8035, 27.3725

Sweetspot

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



43.2253, 60.8057, 93.4640



70.6924, 85.0789, 107.3037



31.8209, 63.5325, 10.9392



14.5745, 17.8534, 22.9278



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.



43.2253, 60.8057, 93.4640



48.6645, 68.4490, 105.2548



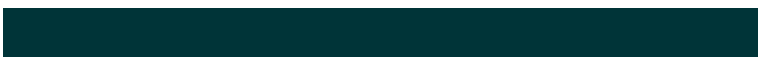
21.4904, 17.3360, 86.2190



16.1527, 17.7394, 20.2943



23.2596, 32.7434, 50.2221



1.9617, 2.7775, 4.1869

Inverse Universe

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



50.3471, 24.3702, 74.0040



56.6928, 27.4411, 83.3033



45.0247, 35.6893, 4.5178



16.4065, 16.0123, 19.6968



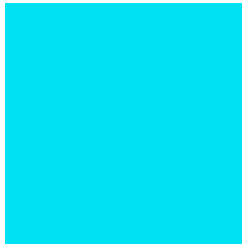
27.0660, 13.0988, 39.8595



2.2651, 1.0951, 3.3871

Previews

White Background



This preview shows how the XYZ color 43.2234, 60.8035, 93.4625 looks on a white background.

Color Contrast Check

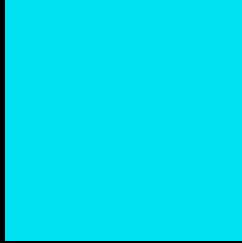
Large Text (above 18pt) WCAG AA × Fail

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 43.2234, 60.8035, 93.4625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

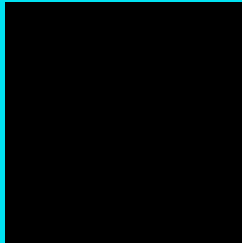
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2234, 60.8035, 93.4625

Background



This preview shows how black text looks on a background with the XYZ color 43.2234, 60.8035, 93.4625.

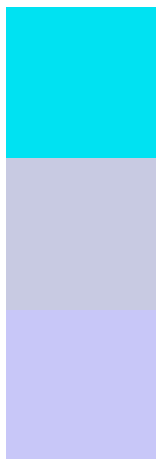


This preview shows how white text looks on a background with the XYZ color 43.2234, 60.8035,

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

43.2234, 60.8035, 93.4625

Protanopia

58.6674, 60.0114, 80.4428

Deuteranopia

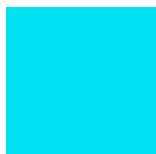
61.1861, 59.9035, 97.1446



Tritanopia

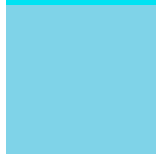
43.7567, 61.0435, 95.0643

Trichromacy



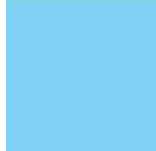
Original Color

43.2234, 60.8035, 93.4625



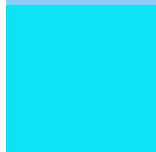
Protanomaly

46.6122, 56.9268, 84.8752



Deuteranomaly

48.1874, 56.7668, 95.6061



Tritanomaly

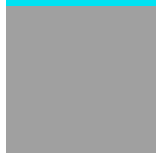
43.5120, 60.9349, 94.2623

Monochromacy



Original Color

43.2234, 60.8035, 93.4625



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

31.9142, 40.8235, 54.9129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2234, 60.8035, 93.4625 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 242) }
```

Border

The CSS property to change the border of an element to XYZ 43.2234, 60.8035, 93.4625 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, 242) }
```


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

```
.border{ border-color:rgb(0, 226, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2234, 60.8035, 93.4625 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, 242) }
```

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

```
.background{ background-color: rgb(0, 226,  
242) }
```

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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