

Converting Colors

XYZ(25.9868, 46.0267, 95.9250)

Have a look what the booklet for
XYZ(25.9868, 46.0267, 95.9250)
contains.

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Color

**XYZ(40.2375, 53.3658,
96.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	00D3F8
RGB	0, 211, 248
RGB Percent	0%, 83%, 97%
CMY	0.9997, 0.1725, 0.0274
CMYK	1.00, 0.15, 0.00, 0.03
HSL	189°, 100%, 49%
HSV	189°, 100%, 97%
XYZ	40.2375, 53.3658, 96.9868
YIQ	152.1290, -137.6330, -33.2250

Conversions

Conversions Part 2

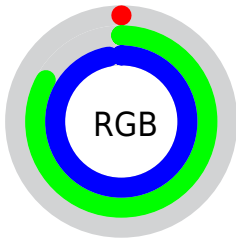
Format	Color
RYB	0, 114, 248
Decimal	54264
CIELab	78.09, -30.13, -30.21
CIELCh	78, 42.664, 225.077
Yxy	53.3658, 0.2111, 0.2800
Android (android.graphics.Color)	4278244344 (0xFF00D3F8)
YUV	152.1290, 47.2644, -133.4171
Hunter-Lab	73.0519, -29.5218, -27.5796

Details

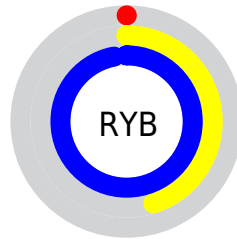
The XYZ color **40.2375, 53.3658, 96.9868** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **39.3759, 21.2842, 2.0349**, and the grayscale version is **29.7552, 31.3048, 34.0910**.

A 20% lighter version of the original color is **60.7494, 82.3174, 107.2948**, and **21.2924, 27.5385, 53.4835** is the 20% darker color. If you saturate the color by 10%, you get **40.2358, 53.3621, 96.9872**, and if you desaturate by 10%, it is **41.5662, 55.4324, 97.3167**.

Distribution



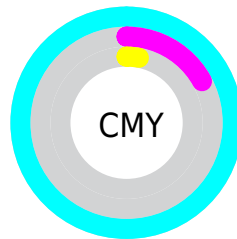
- Red (0%)
- Green (83%)
- Blue (97%)



- Red (0%)
- Yellow (45%)
- Blue (97%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2375, 53.3658, 96.9868 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 40.2375, 53.3658, 96.9868 by changing the saturation by 10% instead.

40.2375, 53.3658,
96.9868

40.2375, 53.3658,
96.9868

338.2409,
399.6870, 571.6521

27.9088, 38.0949,
73.1837

74.8071, 95.1424,
159.0257

18.3970, 26.0563,
53.6334

97.7787, 122.4169,
198.0986

11.3368, 16.8658,
37.9175

125.0286,
154.4613, 243.0985

6.3628, 10.1388,
25.6173

156.9222,
191.6602, 294.4440

3.1097, 5.4911,
16.3144

193.8249,
234.3977, 352.5535

1.2120, 2.5382,
9.5901

236.1020,

0.1158, 0.8957,

283.0585, 417.8457

5.0260

284.1189,
338.0267, 490.7391

■ 0.0000, 0.0000,
2.2035

■ 0.0000, 0.0000,
0.6764

■ 40.2375, 53.3658,
96.9868

■ 40.2375, 53.3658,
96.9868

■ 40.2358, 53.3621,
96.9872

■ 41.5662, 55.4324,
97.3167

■ 43.4191, 57.8000,
97.6760

■ 45.9531, 60.5505,
98.0734

■ 49.2623, 63.7327,
98.5132

■ 53.4257, 67.3874,
98.9992

■ 58.5121, 71.5505,
99.5347

■ 64.5836, 76.2539,
100.1225

■ 71.6964, 81.5271,
100.7655

■ 79.9027, 87.3970,
101.4659

Harmonies

Analogous

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



36.7827, 53.3658, 70.8654



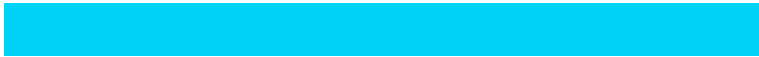
40.2375, 53.3658, 96.9868



46.7108, 53.3658, 114.6160

Triad

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



40.2375, 53.3658, 96.9868



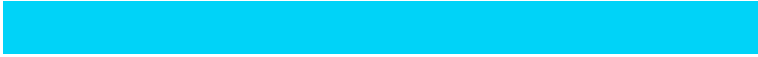
67.8160, 53.3658, 70.7303



46.6717, 53.3658, 24.1290

Complementary

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



40.2375, 53.3658, 96.9868



39.3759, 21.2842, 2.0349

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.



54.9577, 53.3658, 24.1114



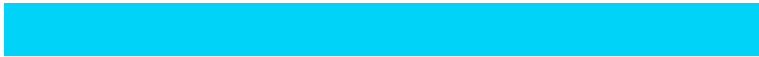
40.2375, 53.3658, 96.9868



67.8026, 53.3658, 46.9786

Square

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



40.2375, 53.3658, 96.9868



62.9221, 53.3658, 96.8648



62.8872, 53.3658, 31.3151



40.2115, 53.3658, 31.3725

Rectangle

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



40.2375, 53.3658, 96.9868



52.1523, 53.3658, 116.7787



62.8872, 53.3658, 31.3151



49.3192, 53.3658, 23.3591

Sweetspot

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



40.2393, 53.3677, 96.9881



68.7507, 81.1955, 106.6565



33.8450, 67.2465, 12.6443



14.1034, 16.9113, 22.7708



0.0000, 0.0000, 0.0000



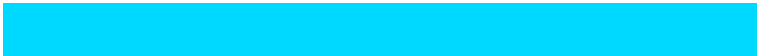
20.3446, 21.4041, 23.3091

Same Dimension

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



40.2393, 53.3677, 96.9881



42.8491, 56.8182, 103.3164



20.6835, 14.2562, 90.4695



17.5322, 19.1412, 22.1559



21.8175, 28.9905, 52.4194



2.0787, 2.8011, 4.8743

Inverse Universe

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



50.4708, 24.6615, 63.7298



53.7574, 26.2670, 67.8459



50.7849, 44.1023, 5.8379



17.8752, 17.4774, 21.1983



27.3045, 13.3375, 34.6414



2.5582, 1.2470, 3.3626

Previews

White Background



This preview shows how the XYZ color 40.2375, 53.3658, 96.9868 looks on a white background.

Color Contrast Check

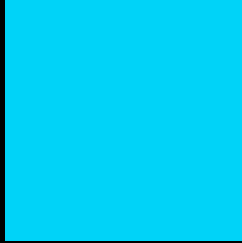
Large Text (above 18pt) WCAG AA × Fail

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 40.2375, 53.3658, 96.9868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

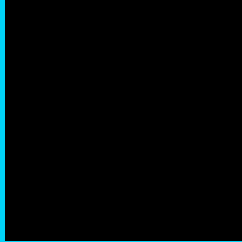
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2375, 53.3658, 96.9868

Background



This preview shows how black text looks on a background with the XYZ color 40.2375, 53.3658, 96.9868.



This preview shows how white text looks on a background with the XYZ color 40.2375, 53.3658,

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

40.2375, 53.3658, 96.9868

Protanopia

52.4128, 52.6552, 84.4918

Deuteranopia

54.0587, 52.8342, 100.2773



Tritanopia

38.0772, 53.3017, 83.1443

Trichromacy



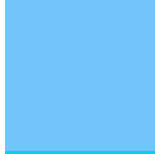
Original Color

40.2375, 53.3658, 96.9868



Protanomaly

42.8292, 50.2742, 88.3355



Deuteranomaly

44.1889, 50.4082, 98.6676



Tritanomaly

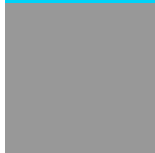
38.8295, 53.2014, 88.3431

Monochromacy



Original Color

40.2375, 53.3658, 96.9868



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

28.8430, 36.0164, 52.4454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2375, 53.3658, 96.9868 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, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 248)  
}
```

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, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 248) }
```

Border

The CSS property to change the border of an element to XYZ 40.2375, 53.3658, 96.9868 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, 211, 248) }
```


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

```
.border{ border-color:rgb(0, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2375, 53.3658, 96.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 248) }
```

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

```
.background{ background-color: rgb(0, 211,  
248) }
```

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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