

Converting Colors

XYZ(40.9765, 59.8026, 95.4413)

Have a look what the booklet for
XYZ(40.9765, 59.8026, 95.4413)
contains.

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Color

**XYZ(43.9505, 61.5307,
95.9464)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00E3F5 |
| RGB | 0, 227, 245 |
| RGB Percent | 0%, 89%, 96% |
| CMY | 0.9997, 0.1098, 0.0392 |
| CMYK | 1.00, 0.07, 0.00, 0.04 |
| HSL | 184°, 100%, 48% |
| HSV | 184°, 100%, 96% |
| XYZ | 43.9505, 61.5307, 95.9464 |
| YIQ | 161.1790, -141.0700, -42.5260 |

Conversions

Conversions Part 2

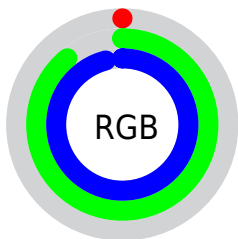
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 118, 245 |
| Decimal | 58357 |
| CIELab | 82.66, -38.63, -21.63 |
| CIELCh | 83, 44.274, 209.251 |
| Yxy | 61.5307, 0.2182, 0.3055 |
| Android (android.graphics.Color) | 4278248437 (0xFF00E3F5) |
| YUV | 161.1790, 41.3238, -141.3540 |
| Hunter-Lab | 78.4415, -37.2597, -17.6120 |

Details

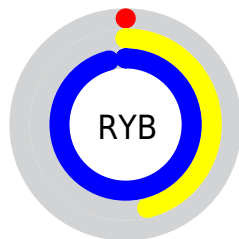
The XYZ color **43.9505, 61.5307, 95.9464** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **37.8745, 19.8477, 1.8368**, and the grayscale version is **33.8308, 35.5926, 38.7603**.

A 20% lighter version of the original color is **61.0125, 82.4530, 107.3071**, and **23.7482, 32.7999, 53.2235** is the 20% darker color. If you saturate the color by 10%, you get **43.9502, 61.5297, 95.9474**, and if you desaturate by 10%, it is **44.8370, 62.7238, 96.1311**.

Distribution



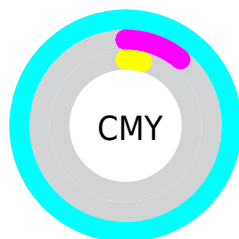
- Red (0%)
- Green (89%)
- Blue (96%)



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



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9505, 61.5307, 95.9464 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 43.9505, 61.5307, 95.9464 by changing the saturation by 10% instead.

43.9505, 61.5307,
95.9464

43.9505, 61.5307,
95.9464

353.3619,
430.2172, 568.2519

30.8293, 44.6536,
72.3217

80.3901, 107.0470,
157.5783

20.6201, 31.1847,
52.9331

104.4392,
136.4549, 196.4225

12.9575, 20.7395,
37.3620

132.8616,
170.8086, 241.1769

7.4761, 12.9337,
25.1899

166.0228,
210.4925, 292.2602

3.8105, 7.3829,
15.9983

204.2881,
255.8909, 350.0908

1.5955, 3.7027,
9.3686

248.0228,

0.3895, 1.5087,

307.3882, 415.0872

4.8823

297.5923,
365.3688, 487.6681

■ 0.0000, 0.2948,
2.1208

■ 0.0000, 0.0000,
0.6281

■ 43.9505, 61.5307,
95.9464

■ 43.9505, 61.5307,
95.9464

■ 43.9502, 61.5297,
95.9474

■ 44.8370, 62.7238,
96.1311

■ 46.2168, 64.1776,
96.3390

■ 48.2432, 65.9725,
96.5787

■ 51.0073, 68.1554,
96.8543

■ 54.5856, 70.7657,
97.1696

■ 59.0448, 73.8379,
97.5276

■ 64.4450, 77.4030,
97.9311

■ 70.8407, 81.4891,
98.3827

■ 78.2824, 86.1223,
98.8847

Harmonies

Analogous

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



42.0545, 61.5307, 66.3154



43.9505, 61.5307, 95.9464



49.6327, 61.5307, 122.7590

Triad

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



43.9505, 61.5307, 95.9464



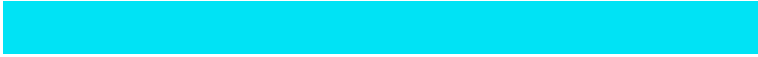
75.6271, 61.5307, 97.4582



58.7220, 61.5307, 27.1217

Complementary

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



43.9505, 61.5307, 95.9464



37.8745, 19.8477, 1.8368

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.



68.3275, 61.5307, 31.3457



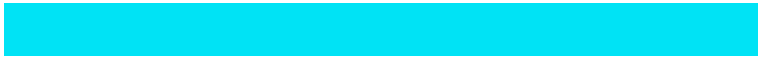
43.9505, 61.5307, 95.9464



78.7141, 61.5307, 67.6822

Square

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



43.9505, 61.5307, 95.9464



67.8701, 61.5307, 123.7851



75.9107, 61.5307, 44.5482



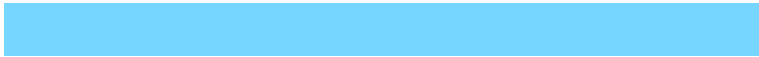
50.0042, 61.5307, 30.9356

Rectangle

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



43.9505, 61.5307, 95.9464



55.1423, 61.5307, 132.6507



75.9107, 61.5307, 44.5482



61.9561, 61.5307, 27.6246

Sweetspot

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



43.9524, 61.5329, 95.9479



70.5178, 84.7298, 107.2455



32.7503, 65.3448, 11.3927



14.5320, 17.7685, 22.9137



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.



43.9524, 61.5329, 95.9479



48.1208, 67.3617, 105.0736



21.6579, 16.9439, 88.5164



16.8864, 18.5371, 21.2306



23.7212, 33.2362, 51.7030



2.1154, 2.9823, 4.5544

Inverse Universe

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



51.5230, 24.9605, 74.7775



56.4184, 27.3314, 81.8582



46.8701, 37.8389, 4.8353



17.1580, 16.7460, 20.5785



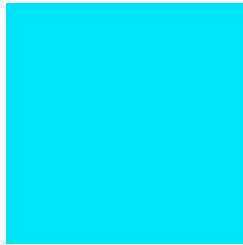
27.7779, 13.4546, 40.4003



2.4568, 1.1887, 3.6320

Previews

White Background



This preview shows how the XYZ color 43.9505, 61.5307, 95.9464 looks on a white background.

Color Contrast Check

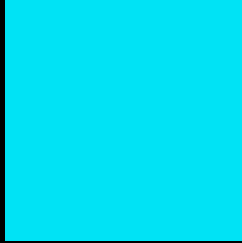
Large Text (above 18pt) WCAG AA × Fail

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 43.9505, 61.5307, 95.9464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

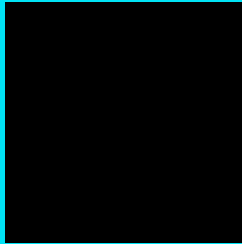
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9505, 61.5307, 95.9464

Background



This preview shows how black text looks on a background with the XYZ color 43.9505, 61.5307, 95.9464.

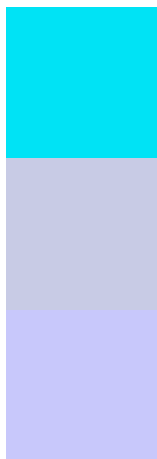


This preview shows how white text looks on a background with the XYZ color 43.9505, 61.5307,

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

43.9505, 61.5307, 95.9464

Protanopia

59.3182, 60.6484, 82.7086

Deuteranopia

61.8863, 60.5529, 99.6929



Tritanopia

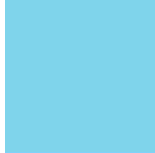
44.0507, 61.5824, 95.9511

Trichromacy



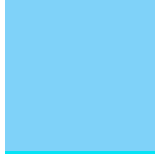
Original Color

43.9505, 61.5307, 95.9464



Protanomaly

47.2913, 57.5972, 87.2221



Deuteranomaly

48.8979, 57.4448, 98.1333



Tritanomaly

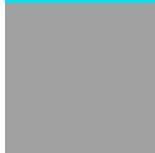
44.0131, 61.5630, 95.9493

Monochromacy



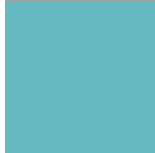
Original Color

43.9505, 61.5307, 95.9464



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 43.9505, 61.5307, 95.9464 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, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 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, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 245) }
```

Border

The CSS property to change the border of an element to XYZ 43.9505, 61.5307, 95.9464 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, 227, 245) }
```


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

```
.border{ border-color:rgb(0, 227, 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, 227, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9505, 61.5307, 95.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 245) }
```

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

```
.background{ background-color: rgb(0, 227,  
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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