

Converting Colors

XYZ(41.7037, 60.5269, 93.6916)

Have a look what the booklet for
XYZ(41.7037, 60.5269, 93.6916)
contains.

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Color

**XYZ(43.4961, 61.3490,
93.5535)**

Conversions

Conversions Part 1

Format	Color
Hex	00E3F2
RGB	0, 227, 242
RGB Percent	0%, 89%, 95%
CMY	0.9997, 0.1098, 0.0510
CMYK	1.00, 0.06, 0.00, 0.05
HSL	184°, 100%, 47%
HSV	184°, 100%, 95%
XYZ	43.4961, 61.3490, 93.5535
YIQ	160.8370, -140.1070, -43.4590

Conversions

Conversions Part 2

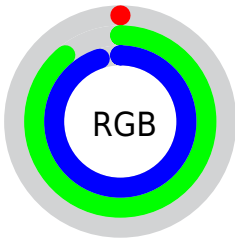
Format	Color
RYB	0, 117, 242
Decimal	58354
CIELab	82.57, -39.55, -20.19
CIELCh	83, 44.404, 207.051
Yxy	61.3490, 0.2192, 0.3092
Android (android.graphics.Color)	4278248434 (0xFF00E3F2)
YUV	160.8370, 40.0134, -141.0540
Hunter-Lab	78.3256, -37.9444, -15.9891

Details

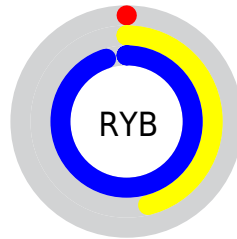
The XYZ color **43.4961, 61.3490, 93.5535** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **36.7906, 19.2211, 1.7729**, and the grayscale version is **33.6773, 35.4311, 38.5845**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **23.4258, 32.6710, 51.5258** is the 20% darker color. If you saturate the color by 10%, you get **43.4961, 61.3486, 93.5546**, and if you desaturate by 10%, it is **44.2924, 62.3726, 93.7103**.

Distribution



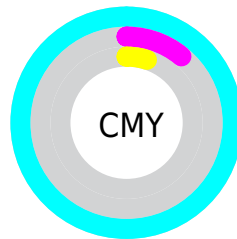
- Red (0%)
- Green (89%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4961, 61.3490, 93.5535 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 43.4961, 61.3490, 93.5535 by changing the saturation by 10% instead.

43.4961, 61.3490,
93.5535

43.4961, 61.3490,
93.5535

351.5351,
429.5525, 560.3893

30.4708, 44.5069,
70.3414

79.7100, 106.7841,
154.2430

20.3460, 31.0692,
51.3264

103.6293,
136.1459, 192.5575

12.7565, 20.6515,
36.0899

131.9106,
170.4497, 236.7433

7.3370, 12.8695,
24.2134

164.9193,
210.0798, 287.2188

3.7219, 7.3388,
15.2783

203.0208,
255.4208, 344.4026

1.5460, 3.6749,
8.8662

246.5803,

0.3568, 1.4934,

306.8570, 408.7133

4.5584

295.9633,
364.7727, 480.5693

■ 0.0000, 0.2841,
1.9364

■ 0.0000, 0.0000,
0.5157

■ 43.4961, 61.3490,
93.5535

■ 43.4961, 61.3490,
93.5535

■ 43.4961, 61.3486,
93.5546

■ 44.2924, 62.3726,
93.7103

■ 45.5661, 63.6463,
93.8890

■ 47.4669, 65.2487,
94.0981

■ 50.0829, 67.2251,
94.3417

■ 53.4884, 69.6139,
94.6233

■ 57.7482, 72.4485,
94.9459

■ 62.9204, 75.7588,
95.3123

■ 69.0581, 79.5723,
95.7248

■ 76.2101, 83.9140,
96.1859

Harmonies

Analogous

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



41.8911, 61.3490, 64.1409



43.4961, 61.3490, 93.5535



48.9210, 61.3490, 121.0762

Triad

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



43.4961, 61.3490, 93.5535



75.0376, 61.3490, 99.5164



59.2560, 61.3490, 26.9651

Complementary

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



43.4961, 61.3490, 93.5535



36.7906, 19.2211, 1.7729

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.



68.8303, 61.3490, 31.7895



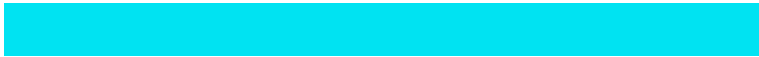
43.4961, 61.3490, 93.5535



78.5413, 61.3490, 69.5288

Square

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



43.4961, 61.3490, 93.5535



67.0267, 61.3490, 125.1251



76.1559, 61.3490, 45.7032



50.3845, 61.3490, 30.1756

Rectangle

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



43.4961, 61.3490, 93.5535



54.3087, 61.3490, 131.9257



76.1559, 61.3490, 45.7032



62.5040, 61.3490, 27.6604

Sweetspot

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



43.4980, 61.3512, 93.5550



70.7907, 85.2756, 107.3365



31.8208, 63.5325, 10.9390



14.5984, 17.9012, 22.9358



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.



43.4980, 61.3512, 93.5550



48.9727, 69.0653, 105.3576



21.4900, 17.3352, 86.2190



16.1586, 17.7513, 20.2963



23.4039, 33.0321, 50.2702



1.9722, 2.7984, 4.1904

Inverse Universe

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



50.4848, 24.4252, 74.7290



56.8483, 27.5033, 84.1224



45.0243, 35.6885, 4.5174



16.4095, 16.0135, 19.7125



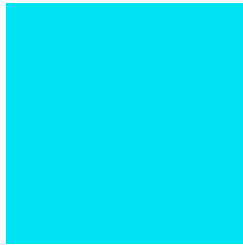
27.1388, 13.1280, 40.2432



2.2704, 1.0972, 3.4149

Previews

White Background



This preview shows how the XYZ color 43.4961, 61.3490, 93.5535 looks on a white background.

Color Contrast Check

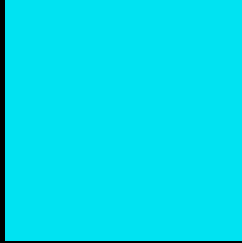
Large Text (above 18pt) WCAG AA × Fail

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 43.4961, 61.3490, 93.5535 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 43.4961, 61.3490, 93.5535

Background



This preview shows how black text looks on a background with the XYZ color 43.4961, 61.3490, 93.5535.

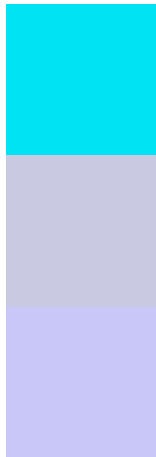


This preview shows how white text looks on a background with the XYZ color 43.4961, 61.3490,

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

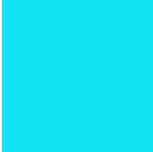
43.4961, 61.3490, 93.5535

Protanopia

58.9354, 60.1496, 80.4553

Deuteranopia

61.4541, 60.0417, 97.1572



Tritanopia

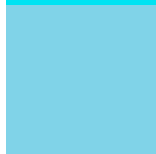
44.2390, 61.6795, 95.9599

Trichromacy



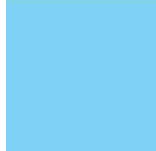
Original Color

43.4961, 61.3490, 93.5535



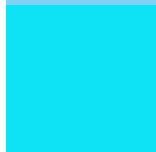
Protanomaly

46.7618, 57.0039, 84.8822



Deuteranomaly

48.3371, 56.8439, 95.6131



Tritanomaly

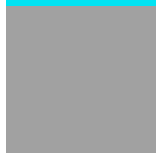
43.9642, 61.5554, 95.1522

Monochromacy



Original Color

43.4961, 61.3490, 93.5535



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

32.1227, 41.2404, 54.9823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4961, 61.3490, 93.5535 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 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, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 242) }
```

Border

The CSS property to change the border of an element to XYZ 43.4961, 61.3490, 93.5535 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, 242) }
```


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

```
.border{ border-color:rgb(0, 227, 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, 227, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4961, 61.3490, 93.5535 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, 242) }
```

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

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