

Converting Colors

XYZ(43.4774, 64.7412, 82.9739)

Have a look what the booklet for
XYZ(43.4774, 64.7412, 82.9739)
contains.

XYZ(43.5735, 64.9627, 82.9155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.5735, 64.9627,
82.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	00EBE3
RGB	0, 235, 227
RGB Percent	0%, 92%, 89%
CMY	0.9997, 0.0784, 0.1098
CMYK	1.00, 0.00, 0.03, 0.08
HSL	178°, 100%, 46%
HSV	178°, 100%, 92%
XYZ	43.5735, 64.9627, 82.9155
YIQ	163.8230, -137.4920, -52.3080

Conversions

Conversions Part 2

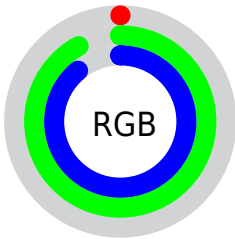
Format	Color
RYB	0, 120, 235
Decimal	60387
CIELab	84.46, -47.50, -9.42
CIELCh	84, 48.426, 191.219
Yxy	64.9627, 0.2276, 0.3393
Android (android.graphics.Color)	4278250467 (0xFF00EBE3)
YUV	163.8230, 31.1463, -143.6728
Hunter-Lab	80.5994, -44.5487, -4.5741

Details

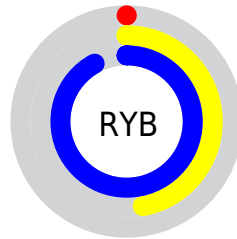
The XYZ color **43.5735, 64.9627, 82.9155** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **34.3069, 17.6818, 1.8364**, and the grayscale version is **35.1158, 36.9446, 40.2326**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **23.3668, 34.8193, 44.5190** is the 20% darker color. If you saturate the color by 10%, you get **43.5743, 64.9646, 82.9154**, and if you desaturate by 10%, it is **44.0518, 65.1979, 83.5174**.

Distribution



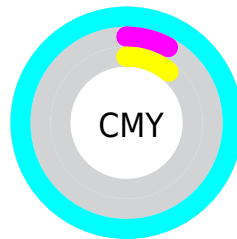
- Red (0%)
- Green (92%)
- Blue (89%)



- Red (0%)
- Yellow (47%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)





- Cyan (100%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5735, 64.9627, 82.9155 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 43.5735, 64.9627, 82.9155 by changing the saturation by 10% instead.


 43.5735, 64.9627,
82.9155


 43.5735, 64.9627,
82.9155

351.8467,
442.6579, 524.6685


 30.5318, 47.4308,
61.5802


 79.8259, 111.9962,
139.3053


 20.3927, 33.3764,
44.2600


 103.7674,
142.2667, 175.1969


 12.7907, 22.4149,
30.5363

 132.0728,
177.5521, 216.7777

 7.3606, 14.1621,
19.9905

 165.1075,
218.2369, 264.4662

 3.7369, 8.2335,
12.2041

 203.2369,
264.7055, 318.6810

 1.5544, 4.2447,
6.7586

246.8263,

 0.3624, 1.8114,

317.3423, 379.8406

3.2355

296.2411,
376.5316, 448.3636

■ 0.0000, 0.4942,
1.2161

■ 0.0000, 0.0000,
0.0000

■ 43.5735, 64.9627,
82.9155

■ 43.5735, 64.9627,
82.9155

■ 43.5743, 64.9646,
82.9154

■ 44.0518, 65.1979,
83.5174

■ 44.9720, 65.6594,
84.1413

■ 46.4752, 66.4215,
84.7951

■ 48.6436, 67.5263,
85.4827

■ 51.5460, 69.0095,
86.2074

■ 55.2427, 70.9022,
86.9719

■ 59.7879, 73.2321,
87.7789

■ 65.2307, 76.0248,
88.6305

■ 71.6169, 79.3037,
89.5290

Harmonies

Analogous

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



44.1363, 64.9627, 53.3013



43.5735, 64.9627, 82.9155



47.4375, 64.9627, 117.4697

Triad

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



43.5735, 64.9627, 82.9155



76.4256, 64.9627, 125.3996



68.6571, 64.9627, 28.1214

Complementary

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



43.5735, 64.9627, 82.9155



34.3069, 17.6818, 1.8364

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.



78.6740, 64.9627, 38.4005



43.5735, 64.9627, 82.9155



83.5067, 64.9627, 91.6035

Square

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



43.5735, 64.9627, 82.9155



65.8639, 64.9627, 146.3420



84.3744, 64.9627, 59.8070



57.8017, 64.9627, 27.0407

Rectangle

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



43.5735, 64.9627, 82.9155



52.2992, 64.9627, 136.5126



84.3744, 64.9627, 59.8070



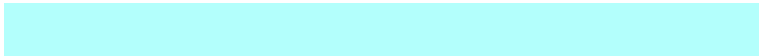
72.2650, 64.9627, 30.4367

Sweetspot

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



43.5754, 64.9651, 82.9171



71.8683, 88.0975, 105.6402



29.8586, 59.4955, 9.9119



14.8609, 18.5889, 22.5220



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.



43.5754, 64.9651, 82.9171



52.4430, 78.1932, 99.7713



22.8840, 21.7734, 81.5964



15.4942, 17.1125, 19.2854



24.2605, 36.1587, 46.1982



1.9120, 2.8421, 3.6644

Inverse Universe

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



34.3069, 17.6818, 1.8364



41.2876, 21.2790, 2.1806



39.3945, 27.9271, 3.3160



15.0863, 15.0624, 15.7396



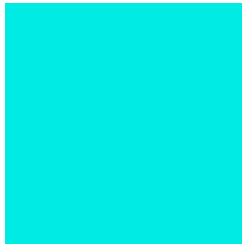
19.1016, 9.8433, 1.0703



1.5073, 0.7759, 0.1227

Previews

White Background



This preview shows how the XYZ color 43.5735, 64.9627, 82.9155 looks on a white background.

Color Contrast Check

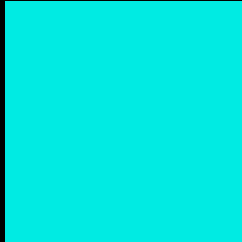
Large Text (above 18pt) WCAG AA × Fail

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 43.5735, 64.9627, 82.9155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

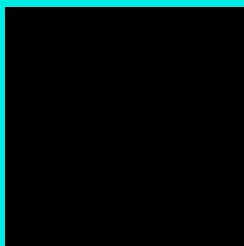
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

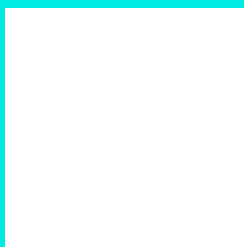
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5735, 64.9627, 82.9155

Background



This preview shows how black text looks on a background with the XYZ color 43.5735, 64.9627, 82.9155.

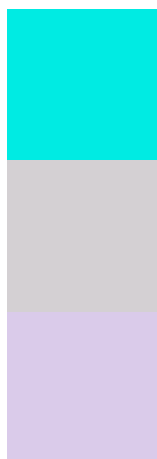


This preview shows how white text looks on a background with the XYZ color 43.5735, 64.9627,

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

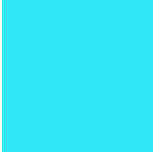
43.5735, 64.9627, 82.9155

Protanopia

61.4651, 63.8119, 70.7054

Deuteranopia

65.1207, 63.5578, 86.6776



Tritanopia

47.0979, 64.7069, 100.4498

Trichromacy



Original Color

43.5735, 64.9627, 82.9155



Protanomaly

47.5875, 60.3035, 74.7772



Deuteranomaly

49.3717, 59.8594, 84.5532



Tritanomaly

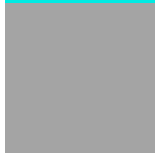
45.4487, 64.4153, 94.0424

Monochromacy



Original Color

43.5735, 64.9627, 82.9155



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.0920, 43.3578, 53.6385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5735, 64.9627, 82.9155 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, 235, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 227)  
}
```

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, 235, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 227) }
```

Border

The CSS property to change the border of an element to XYZ 43.5735, 64.9627, 82.9155 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, 235, 227) }
```


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

```
.border{ border-color:rgb(0, 235, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 235, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5735, 64.9627, 82.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 227) }
```

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

```
.background{ background-color: rgb(0, 235,  
227) }
```

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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