

Converting Colors

XYZ(43.5214, 66.7950, 76.9286)

Have a look what the booklet for
XYZ(43.5214, 66.7950, 76.9286)
contains.

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Color

**XYZ(43.5214, 66.7950,
76.9286)**

Conversions

Conversions Part 1

Format	Color
Hex	00EFDA
RGB	0, 239, 218
RGB Percent	0%, 94%, 85%
CMY	0.9998, 0.0627, 0.1451
CMYK	1.00, 0.00, 0.09, 0.06
HSL	175°, 100%, 47%
HSV	175°, 100%, 94%
XYZ	43.5214, 66.7950, 76.9286
YIQ	165.1450, -135.7030, -57.1990

Conversions

Conversions Part 2

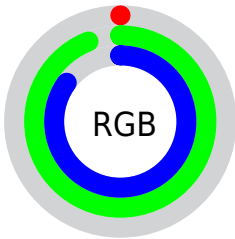
Format	Color
RYB	0, 125, 239
Decimal	61402
CIELab	85.40, -51.69, -3.30
CIELCh	85, 51.794, 183.656
Yxy	66.7950, 0.2324, 0.3567
Android (android.graphics.Color)	4278251482 (0xFF00EFDA)
YUV	165.1450, 26.0575, -144.8322
Hunter-Lab	81.7282, -47.9706, 1.4016

Details

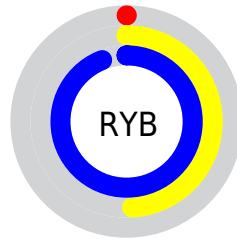
The XYZ color **43.5214, 66.7950, 76.9286** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **35.7343, 18.4068, 2.3815**, and the grayscale version is **35.7675, 37.6302, 40.9793**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **23.3388, 36.1002, 40.3883** is the 20% darker color. If you saturate the color by 10%, you get **43.5221, 66.7970, 76.9270**, and if you desaturate by 10%, it is **44.1750, 67.1015, 78.4049**.

Distribution



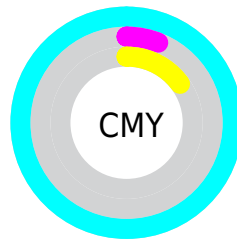
- Red (0%)
- Green (94%)
- Blue (85%)



- Red (0%)
- Yellow (49%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5214, 66.7950, 76.9286 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 43.5214, 66.7950, 76.9286 by changing the saturation by 10% instead.

43.5214, 66.7950,
76.9286

43.5214, 66.7950,
76.9286

351.6369,
449.2147, 503.9518

30.4907, 48.9180,
56.6831

79.7479, 114.6266,
130.8108

20.3613, 34.5545,
40.3432

103.6744,
145.3501, 165.2845

12.7677, 23.3199,
27.4904

131.9636,
181.1245, 205.3380

7.3447, 14.8299,
17.7062

164.9808,
222.3343, 251.3899

3.7268, 8.7001,
10.5720

203.0914,
269.3638, 303.8587

1.5488, 4.5461,
5.6693

246.6607,

0.3587, 1.9835,

322.5974, 363.1629

2.5795

296.0541,
382.4196, 429.7211

■ 0.0000, 0.5978,
0.8819

■ 0.0000, 0.0000,
0.0000

■ 43.5214, 66.7950,
76.9286

■ 43.5214, 66.7950,
76.9286

■ 43.5221, 66.7970,
76.9270

■ 44.1750, 67.1015,
78.4049

■ 45.2916, 67.6448,
79.9197

■ 47.0175, 68.5017,
81.4812

■ 49.4381, 69.7164,
83.0937

■ 52.6254, 71.3259,
84.7605

■ 56.6422, 73.3627,
86.4847

■ 61.5450, 75.8557,
88.2688

■ 67.3851, 78.8316,
90.1155

■ 74.2101, 82.3147,
92.0270

Harmonies

Analogous

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



45.3326, 66.7950, 47.6503



43.5214, 66.7950, 76.9286



46.4921, 66.7950, 114.7550

Triad

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



43.5214, 66.7950, 76.9286



76.8345, 66.7950, 140.8905



74.0381, 66.7950, 28.8205

Complementary

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



43.5214, 66.7950, 76.9286



35.7343, 18.4068, 2.3815

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.



84.1874, 66.7950, 42.4651



43.5214, 66.7950, 76.9286



85.9365, 66.7950, 105.3484

Square

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



43.5214, 66.7950, 76.9286



64.9368, 66.7950, 158.1864



88.7793, 66.7950, 68.6839



62.0583, 66.7950, 25.4136

Rectangle

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



43.5214, 66.7950, 76.9286



51.0284, 66.7950, 138.2052



88.7793, 66.7950, 68.6839



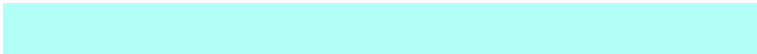
77.8236, 66.7950, 32.0995

Sweetspot

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



43.5233, 66.7975, 76.9302



71.2212, 87.8387, 102.2327



31.2433, 61.9288, 10.3083



14.7035, 18.5259, 21.6930



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.



43.5233, 66.7975, 76.9302



50.4091, 77.3796, 89.0612



25.4673, 26.0047, 85.3413



16.1839, 17.9036, 19.9915



24.0755, 36.9222, 42.6419



2.0203, 3.0786, 3.6393

Inverse Universe

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



35.7343, 18.4068, 2.3815



41.3888, 21.3195, 2.7137



39.7475, 26.6503, 3.0506



15.8292, 15.7814, 16.6568



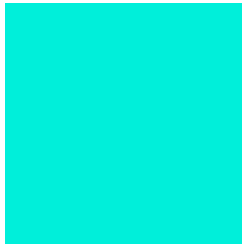
19.7660, 10.1788, 1.4185



1.6635, 0.8544, 0.2188

Previews

White Background



This preview shows how the XYZ color 43.5214, 66.7950, 76.9286 looks on a white background.

Color Contrast Check

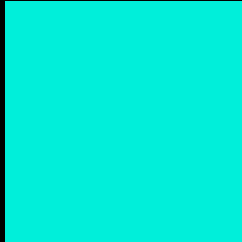
Large Text (above 18pt) WCAG AA × Fail

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 43.5214, 66.7950, 76.9286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

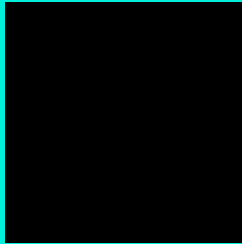
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

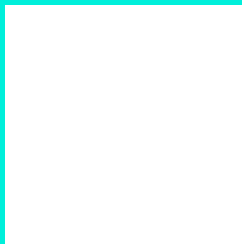
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5214, 66.7950, 76.9286

Background



This preview shows how black text looks on a background with the XYZ color 43.5214, 66.7950, 76.9286.

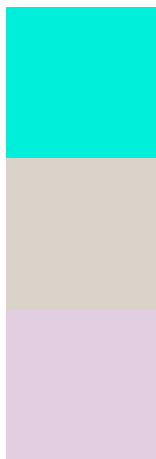


This preview shows how white text looks on a background with the XYZ color 43.5214, 66.7950,

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

43.5214, 66.7950, 76.9286

Protanopia

62.8684, 65.7582, 65.2562

Deuteranopia

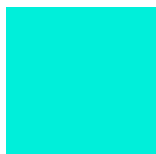
66.7860, 65.2676, 80.3121



Tritanopia

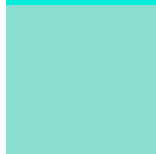
48.9561, 66.8673, 103.2549

Trichromacy



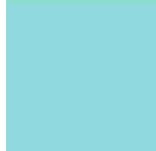
Original Color

43.5214, 66.7950, 76.9286



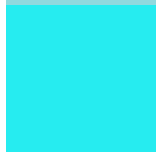
Protanomaly

47.8891, 61.7559, 69.0706



Deuteranomaly

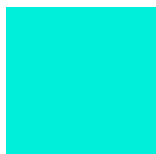
49.4993, 60.8289, 78.2395



Tritanomaly

46.5230, 66.6942, 92.8593

Monochromacy



Original Color

43.5214, 66.7950, 76.9286



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

33.3271, 44.1632, 52.1152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5214, 66.7950, 76.9286 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, 239, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 239, 218)  
}
```

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, 239, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 239, 218) }
```

Border

The CSS property to change the border of an element to XYZ 43.5214, 66.7950, 76.9286 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, 239, 218) }
```


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

```
.border{ border-color:rgb(0, 239, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 239, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 239, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 239, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 239,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5214, 66.7950, 76.9286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 239, 218) }
```

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

```
.background{ background-color: rgb(0, 239,  
218) }
```

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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