

Converting Colors

XYZ(20.1050, 61.0880, 60.0667)

Have a look what the booklet for
XYZ(20.1050, 61.0880, 60.0667)
contains.

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Color

**XYZ(44.2144, 73.3824,
61.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	00FCBF
RGB	0, 252, 191
RGB Percent	0%, 99%, 75%
CMY	0.9998, 0.0117, 0.2510
CMYK	1.00, 0.00, 0.24, 0.01
HSL	165°, 100%, 49%
HSV	165°, 100%, 99%
XYZ	44.2144, 73.3824, 61.1241
YIQ	169.6980, -130.6110, -72.3950

Conversions

Conversions Part 2

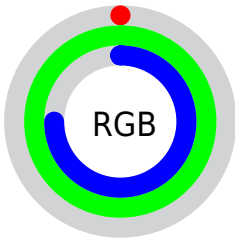
Format	Color
RYB	0, 143, 252
Decimal	64703
CIELab	88.63, -63.57, 15.41
CIELCh	89, 65.415, 166.375
Yxy	73.3824, 0.2474, 0.4106
Android (android.graphics.Color)	4278254783 (0xFF00FCBF)
YUV	169.6980, 10.5019, -148.8251
Hunter-Lab	85.6635, -57.7801, 17.6589

Details

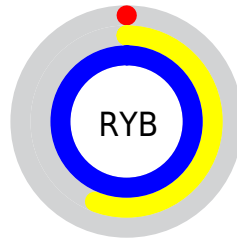
The XYZ color **44.2144, 73.3824, 61.1241** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **40.9903, 21.0345, 6.3207**, and the grayscale version is **38.0613, 40.0434, 43.6073**.

A 20% lighter version of the original color is **59.6187, 81.8802, 100.6579**, and **23.8071, 40.3897, 30.2081** is the 20% darker color. If you saturate the color by 10%, you get **44.2147, 73.3845, 61.1199**, and if you desaturate by 10%, it is **45.3085, 73.8690, 64.7556**.

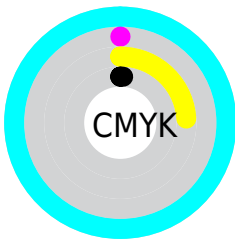
Distribution



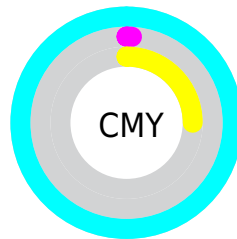
- Red (0%)
- Green (99%)
- Blue (75%)



- Red (0%)
- Yellow (56%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2144, 73.3824, 61.1241 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 44.2144, 73.3824, 61.1241 by changing the saturation by 10% instead.

44.2144, 73.3824,
61.1241

44.2144, 73.3824,
61.1241

354.4199,
472.3391, 446.6480

31.0377, 54.2887,
43.8941

80.7846, 124.0199,
108.0179

20.7795, 38.8325,
30.2507

104.9089,
156.3325, 138.5188

13.0745, 26.6295,
19.7753

133.4130,
193.8203, 174.2804

7.5572, 17.2951,
12.0494

166.6625,
236.8675, 215.7212

3.8624, 10.4451,
6.6543

205.0225,
285.8586, 263.2599

1.6246, 5.6951,
3.1717

248.8585,

0.4083, 2.6606,

341.1779, 317.3149

1.1830

298.5359,
403.2100, 378.3047

■ 0.0000, 0.9572,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.2144, 73.3824,
61.1241

■ 44.2144, 73.3824,
61.1241

■ 44.2147, 73.3845,
61.1199

■ 45.3085, 73.8690,
64.7556

■ 46.9529, 74.6343,
68.5590

■ 49.3104, 75.7639,
72.5453

■ 52.4791, 77.3083,
76.7206

■ 56.5413, 79.3099,
81.0905

■ 61.5690, 81.8058,
85.6599

■ 67.6267, 84.8293,
90.4335

■ 74.7732, 88.4106,
95.4156

■ 83.0628, 92.5776,
100.6102

Harmonies

Analogous

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



50.0044, 73.3824, 33.6834



44.2144, 73.3824, 61.1241



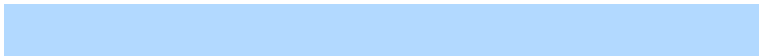
44.4931, 73.3824, 106.9954

Triad

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



44.2144, 73.3824, 61.1241



78.6585, 73.3824, 195.6741



92.8529, 73.3824, 32.0526

Complementary

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



44.2144, 73.3824, 61.1241



40.9903, 21.0345, 6.3207

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.



103.1071, 73.3824, 57.8165



44.2144, 73.3824, 61.1241



94.1045, 73.3824, 156.1256

Square

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



44.2144, 73.3824, 61.1241



62.8396, 73.3824, 197.6415



103.5969, 73.3824, 102.1761



77.1445, 73.3824, 21.6995

Rectangle

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



44.2144, 73.3824, 61.1241



48.0539, 73.3824, 143.3304



103.5969, 73.3824, 102.1761



97.1493, 73.3824, 38.6431

Sweetspot

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



44.2164, 73.3853, 61.1258



69.4450, 87.1282, 92.8794



36.8639, 70.6812, 11.7011



14.2741, 18.3542, 19.4317



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.



44.2164, 73.3853, 61.1258



45.4150, 75.3820, 62.7624



35.7724, 43.4298, 98.5962



17.5756, 19.5325, 21.2318



23.0921, 38.2499, 32.1582



2.1802, 3.5592, 3.1966

Inverse Universe

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



40.9903, 21.0345, 6.3207



42.1023, 21.6049, 6.4709



41.9259, 24.2549, 2.4731



17.4169, 17.2941, 18.7850



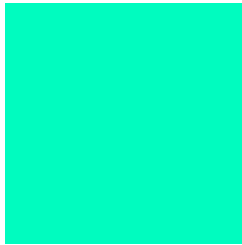
21.3989, 10.9753, 3.5430



2.0217, 1.0324, 0.5378

Previews

White Background



This preview shows how the XYZ color 44.2144, 73.3824, 61.1241 looks on a white background.

Color Contrast Check

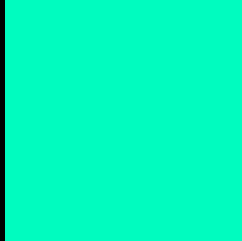
Large Text (above 18pt) WCAG AA × Fail

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 44.2144, 73.3824, 61.1241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

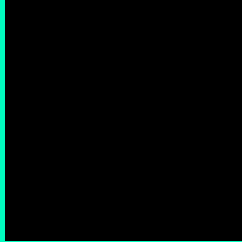
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2144, 73.3824, 61.1241

Background



This preview shows how black text looks on a background with the XYZ color 44.2144, 73.3824, 61.1241.



This preview shows how white text looks on a background with the XYZ color 44.2144, 73.3824, 61.1241.

Color Blindness Simulation

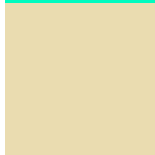
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



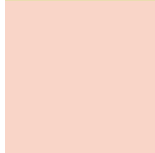
Original Color

44.2144, 73.3824, 61.1241



Protanopia

67.3614, 71.8134, 51.3853



Deuteranopia

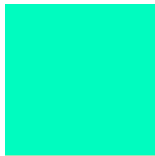
73.2865, 71.8984, 64.6587



Tritanopia

57.0849, 73.1640, 105.7211

Trichromacy



Original Color

44.2144, 73.3824, 61.1241



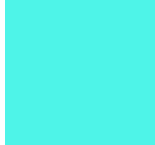
Protanomaly

49.5915, 67.4390, 54.1193



Deuteranomaly

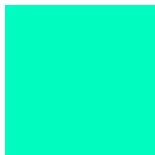
51.6477, 66.2385, 62.8865



Tritanomaly

50.0581, 72.1473, 87.6314

Monochromacy



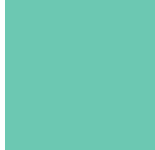
Original Color

44.2144, 73.3824, 61.1241



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

34.8745, 47.7111, 49.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2144, 73.3824, 61.1241 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, 252, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 191)  
}
```

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, 252, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 191) }
```

Border

The CSS property to change the border of an element to XYZ 44.2144, 73.3824, 61.1241 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, 252, 191) }
```


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

```
.border{ border-color:rgb(0, 252, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 252,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2144, 73.3824, 61.1241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 191) }
```

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

```
.background{ background-color: rgb(0, 252,  
191) }
```

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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