

Converting Colors

XYZ(44.1817, 62.6601, 93.9674)

Have a look what the booklet for
XYZ(44.1817, 62.6601, 93.9674)
contains.

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Color

**XYZ(44.0463, 62.4494,
93.7369)**

Conversions

Conversions Part 1

Format	Color
Hex	00E5F2
RGB	0, 229, 242
RGB Percent	0%, 90%, 95%
CMY	0.9997, 0.1019, 0.0510
CMYK	1.00, 0.05, 0.00, 0.05
HSL	183°, 100%, 47%
HSV	183°, 100%, 95%
XYZ	44.0463, 62.4494, 93.7369
YIQ	162.0110, -140.6570, -44.5050

Conversions

Conversions Part 2

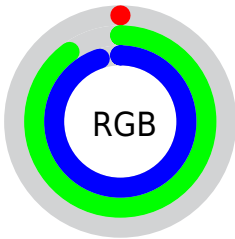
Format	Color
RYB	0, 118, 242
Decimal	58866
CIELab	83.15, -40.45, -19.31
CIELCh	83, 44.825, 205.515
Yxy	62.4494, 0.2200, 0.3119
Android (android.graphics.Color)	4278248946 (0xFF00E5F2)
YUV	162.0110, 39.4346, -142.0836
Hunter-Lab	79.0249, -38.8027, -15.0105

Details

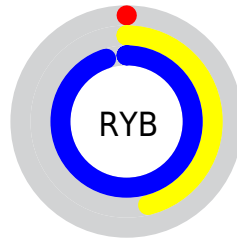
The XYZ color **44.0463, 62.4494, 93.7369** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **36.7636, 19.1672, 1.7639**, and the grayscale version is **34.2261, 36.0085, 39.2133**.

A 20% lighter version of the original color is **61.0125, 82.4530, 107.3071**, and **23.8065, 33.4323, 51.6527** is the 20% darker color. If you saturate the color by 10%, you get **44.0464, 62.4493, 93.7381**, and if you desaturate by 10%, it is **44.7916, 63.3710, 93.8767**.

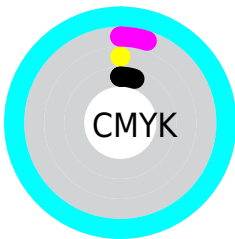
Distribution



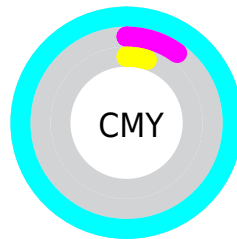
- Red (0%)
- Green (90%)
- Blue (95%)



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



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





- Cyan (100%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0463, 62.4494, 93.7369 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 44.0463, 62.4494, 93.7369 by changing the saturation by 10% instead.


 44.0463, 62.4494,
93.7369


 44.0463, 62.4494,
93.7369


353.7462,
433.5685, 560.9941


 30.9050, 45.3959,
70.4931


 80.5333, 108.3748,
154.4990


 20.6780, 31.7694,
51.4493


 104.6097,
138.0155, 192.8543

 12.9999, 21.1854,
36.1871


 133.0619,
172.6207, 237.0838

 7.5055, 13.2596,
24.2879

 166.2551,
212.5748, 287.6061

 3.8293, 7.6076,
15.3332

 204.5548,
258.2623, 344.8398

 1.6060, 3.8449,
8.9043

248.3263,

 0.3963, 1.5872,

310.0674, 409.2033

4.5829

297.9350,
368.3747, 481.1152

■ 0.0000, 0.3489,
1.9502

■ 0.0000, 0.0000,
0.5244

■ 44.0463, 62.4494,
93.7369

■ 44.0463, 62.4494,
93.7369

■ 44.0464, 62.4493,
93.7381

■ 44.7916, 63.3710,
93.8767

■ 46.0134, 64.5409,
94.0381

■ 47.8614, 66.0377,
94.2296

■ 50.4237, 67.9068,
94.4553

■ 53.7746, 70.1864,
94.7187

■ 57.9790, 72.9100,
95.0229

■ 63.0948, 76.1076,
95.3704

■ 69.1752, 79.8065,
95.7639

■ 76.2691, 84.0319,
96.2056

Harmonies

Analogous

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



42.6160, 62.4494, 63.8993



44.0463, 62.4494, 93.7369



49.3973, 62.4494, 122.3013

Triad

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



44.0463, 62.4494, 93.7369



76.1201, 62.4494, 102.9998



60.8288, 62.4494, 27.3971

Complementary

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



44.0463, 62.4494, 93.7369



36.7636, 19.1672, 1.7639

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.



70.5711, 62.4494, 32.7504



44.0463, 62.4494, 93.7369



79.9904, 62.4494, 72.2658

Square

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



44.0463, 62.4494, 93.7369



67.7701, 62.4494, 128.5923



77.8571, 62.4494, 47.4612



51.6694, 62.4494, 30.2470

Rectangle

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



44.0463, 62.4494, 93.7369



54.8063, 62.4494, 134.0450



77.8571, 62.4494, 47.4612



64.1514, 62.4494, 28.2439

Sweetspot

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



44.0483, 62.4517, 93.7384



70.9878, 85.6698, 107.4022



31.8208, 63.5326, 10.9390



14.6463, 17.9972, 22.9518



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.



44.0483, 62.4517, 93.7384



49.5941, 70.3082, 105.5647



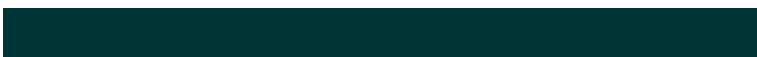
21.4900, 17.3352, 86.2190



16.1704, 17.7749, 20.3002



23.6949, 33.6140, 50.3672



1.9933, 2.8406, 4.1974

Inverse Universe

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



50.7625, 24.5363, 76.1915



57.1620, 27.6288, 85.7741



45.0243, 35.6885, 4.5174



16.4154, 16.0159, 19.7439



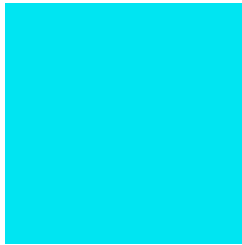
27.2857, 13.1867, 41.0166



2.2811, 1.1015, 3.4709

Previews

White Background



This preview shows how the XYZ color 44.0463, 62.4494, 93.7369 looks on a white background.

Color Contrast Check

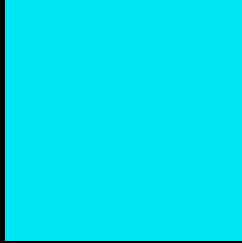
Large Text (above 18pt) WCAG AA × Fail

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 44.0463, 62.4494, 93.7369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

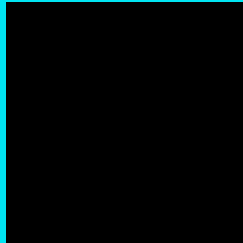
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0463, 62.4494, 93.7369

Background



This preview shows how black text looks on a background with the XYZ color 44.0463, 62.4494, 93.7369.

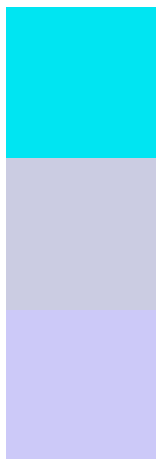


This preview shows how white text looks on a background with the XYZ color 44.0463, 62.4494,

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

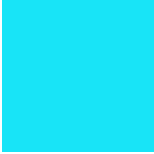
44.0463, 62.4494, 93.7369

Protanopia

59.9489, 61.3732, 80.6381

Deuteranopia

62.7318, 61.3880, 97.3497



Tritanopia

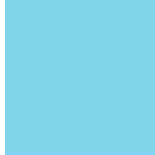
44.9086, 62.3964, 97.6725

Trichromacy



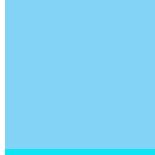
Original Color

44.0463, 62.4494, 93.7369



Protanomaly

47.4130, 58.0818, 85.0559



Deuteranomaly

49.1347, 57.9882, 95.7919



Tritanomaly

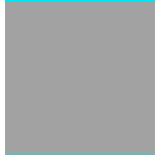
44.4218, 62.1809, 96.0470

Monochromacy



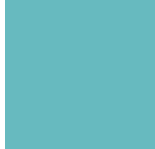
Original Color

44.0463, 62.4494, 93.7369



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

32.5564, 41.7630, 55.6354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0463, 62.4494, 93.7369 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, 229, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 229, 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, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 229, 242) }
```

Border

The CSS property to change the border of an element to XYZ 44.0463, 62.4494, 93.7369 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, 229, 242) }
```


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

```
.border{ border-color:rgb(0, 229, 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, 229, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 229, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 229, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 229,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0463, 62.4494, 93.7369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 229, 242) }
```

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

```
.background{ background-color: rgb(0, 229,  
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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