

Converting Colors

XYZ(44.4433, 64.1509, 88.4933)

Have a look what the booklet for
XYZ(44.4433, 64.1509, 88.4933)
contains.

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Color

**XYZ(44.3874, 63.9874,
88.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	1EE8EB
RGB	30, 232, 235
RGB Percent	12%, 91%, 92%
CMY	0.8823, 0.0902, 0.0784
CMYK	0.87, 0.01, 0.00, 0.08
HSL	181°, 84%, 52%
HSV	181°, 87%, 92%
XYZ	44.3874, 63.9874, 88.6086
YIQ	171.9440, -121.3550, -41.8910

Conversions

Conversions Part 2

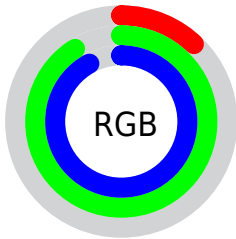
Format	Color
R_{YB}	30, 132, 235
Decimal	2025707
CIE _{Lab}	83.96, -42.94, -14.38
CIE _{LCh}	84, 45.282, 198.518
Yxy	63.9874, 0.2253, 0.3248
Android (android.graphics.Color)	4280215787 (0xFF1EE8EB)
YUV	171.9440, 31.0866, -124.4849
Hunter-Lab	79.9921, -40.9371, -9.6820

Details

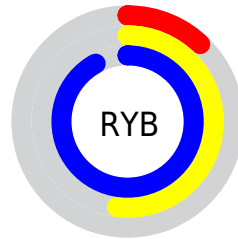
The XYZ color **44.3874, 63.9874, 88.6086** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **35.0407, 18.8453, 3.0207**, and the grayscale version is **39.0807, 41.1160, 44.7753**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **23.6620, 34.3053, 48.0223** is the 20% darker color. If you saturate the color by 10%, you get **43.8382, 63.5621, 88.5567**, and if you desaturate by 10%, it is **45.4460, 64.6783, 88.6874**.

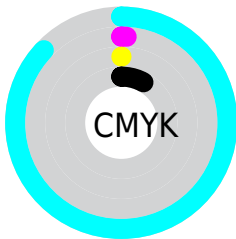
Distribution



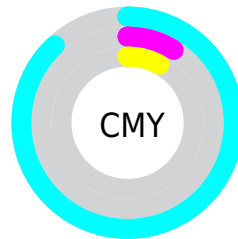
- Red (12%)
- Green (91%)
- Blue (92%)



- Red (12%)
- Yellow (52%)
- Blue (92%)



- Cyan (87%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)





- Cyan (88%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3874, 63.9874, 88.6086 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 44.3874, 63.9874, 88.6086 by changing the saturation by 10% instead.


 44.3874, 63.9874,
88.6086


 44.3874, 63.9874,
88.6086


355.1124,
439.1441, 543.9471

 31.1744, 46.6405,
66.2600


 81.0431, 110.5928,
147.3227


 20.8842, 32.7515,
48.0257

 105.2165,
140.6200, 184.5254


 13.1513, 21.9362,
33.4871


 133.7741,
175.6428, 227.5164

 7.6106, 13.8100,
22.2257

 167.0813,
216.0456, 276.7145

 3.8965, 7.9886,
13.8229

 205.5033,
262.2127, 332.5380

 1.6437, 4.0877,
7.8603

249.4056,

 0.4207, 1.7227,

314.5286, 395.4056

3.9192

299.1535,
373.3776, 465.7358

■ 0.0000, 0.4383,
1.5811

■ 0.0000, 0.0000,
0.2773

■ 44.3874, 63.9874,
88.6086

■ 44.3874, 63.9874,
88.6086

■ 43.8382, 63.5621,
88.5567


■ 45.4460, 64.6783,
88.6874


■ 43.7297, 63.4664,
88.5439

■ 47.1098, 65.6800,
88.7930


■ 49.4583, 67.0351,
88.9308


■ 52.5578, 68.7776,
89.1038

 56.4666, 70.9376,
89.3147

 61.2376, 73.5423,
89.5660

 66.9188, 76.6165,
89.8599

 73.5549, 80.1833,
90.1986

 81.1876, 84.2642,
90.5840

Harmonies

Analogous

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



43.8956, 63.9874, 59.3012



44.3874, 63.9874, 88.6086



48.9803, 63.9874, 119.4420

Triad

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



44.3874, 63.9874, 88.6086



76.3442, 63.9874, 112.7456



64.7157, 63.9874, 28.5217

Complementary

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



44.3874, 63.9874, 88.6086



35.0407, 18.8453, 3.0207

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.



74.4243, 63.9874, 36.0968



44.3874, 63.9874, 88.6086



81.6114, 63.9874, 81.1852

Square

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



44.3874, 63.9874, 88.6086



67.1136, 63.9874, 135.7955



80.8728, 63.9874, 53.6450



54.9291, 63.9874, 29.4941

Rectangle

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



44.3874, 63.9874, 88.6086



54.0626, 63.9874, 134.2848



80.8728, 63.9874, 53.6450



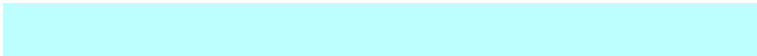
68.1141, 63.9874, 30.0454

Sweetspot

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



44.3894, 63.9898, 88.6101



74.4133, 88.9033, 107.8458



30.4796, 59.7878, 11.1638



15.4649, 18.7774, 23.0593



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.



44.3894, 63.9898, 88.6101



52.6316, 76.3832, 106.5772



23.8529, 22.9169, 81.7647



15.4977, 17.0818, 19.4026



24.3461, 35.3392, 49.2809



1.9178, 2.7871, 3.8718

Inverse Universe

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



49.2924, 24.4187, 78.4617



58.6952, 28.2421, 93.8479



42.8172, 34.3985, 5.6129



15.7048, 15.3098, 18.9966



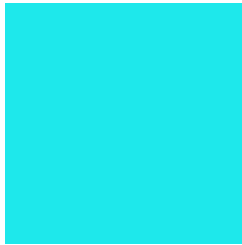
27.1441, 13.0603, 43.4215



2.1345, 1.0268, 3.4258

Previews

White Background



This preview shows how the XYZ color 44.3874, 63.9874, 88.6086 looks on a white background.

Color Contrast Check

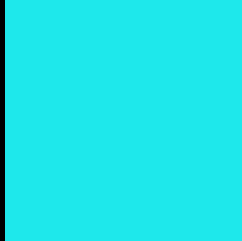
Large Text (above 18pt) WCAG AA × Fail

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 44.3874, 63.9874, 88.6086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

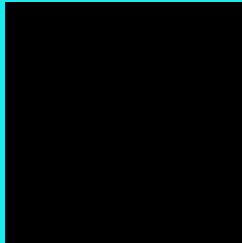
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

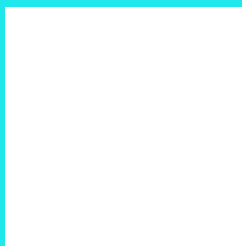
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3874, 63.9874, 88.6086

Background



This preview shows how black text looks on a background with the XYZ color 44.3874, 63.9874, 88.6086.

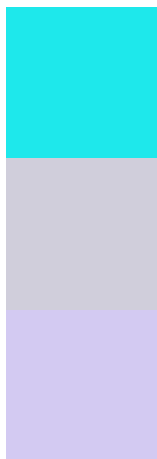


This preview shows how white text looks on a background with the XYZ color 44.3874, 63.9874,

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

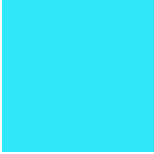
44.3874, 63.9874, 88.6086

Protanopia

60.8699, 62.6670, 75.9056

Deuteranopia

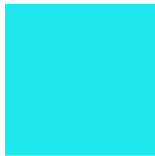
64.0115, 62.5007, 92.6945



Tritanopia

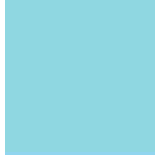
46.6146, 64.0616, 99.5308

Trichromacy



Original Color

44.3874, 63.9874, 88.6086



Protanomaly

49.2187, 59.8768, 80.1974



Deuteranomaly

51.0513, 59.8402, 90.5210



Tritanomaly

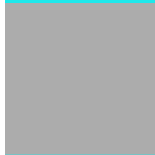
45.8195, 64.1549, 95.5561

Monochromacy



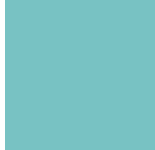
Original Color

44.3874, 63.9874, 88.6086



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

36.8878, 46.5168, 58.6642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3874, 63.9874, 88.6086 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(30, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(30, 232, 235)  
}
```

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(30, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 232, 235) }
```

Border

The CSS property to change the border of an element to XYZ 44.3874, 63.9874, 88.6086 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(30, 232, 235) }
```


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

```
.border{ border-color:rgb(30, 232, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(30, 232, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(30, 232, 235); box-shadow:4px 4px 4px 4px rgb(30, 232, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3874, 63.9874, 88.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 232, 235) }
```

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

```
.background{ background-color: rgb(30, 232,  
235) }
```

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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