

Converting Colors

XYZ(54.3328, 71.2337, 89.4831)

Have a look what the booklet for
XYZ(54.3328, 71.2337, 89.4831)
contains.

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Color

**XYZ(54.3328, 71.2337,
89.4831)**

Conversions

Conversions Part 1

Format	Color
Hex	81EDEB
RGB	129, 237, 235
RGB Percent	51%, 93%, 92%
CMY	0.4941, 0.0706, 0.0784
CMYK	0.46, 0.00, 0.01, 0.07
HSL	179°, 75%, 72%
HSV	179°, 46%, 93%
XYZ	54.3328, 71.2337, 89.4831
YIQ	204.4800, -63.7260, -23.5180

Conversions

Conversions Part 2

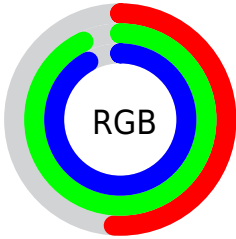
Format	Color
RYB	129, 184, 237
Decimal	8515051
CIELab	87.60, -31.58, -8.72
CIELCh	88, 32.762, 195.434
Yxy	71.2337, 0.2527, 0.3312
Android (android.graphics.Color)	4286705131 (0xFF81EDEB)
YUV	204.4800, 15.0464, -66.1960
Hunter-Lab	84.4001, -32.7902, -3.7807

Details

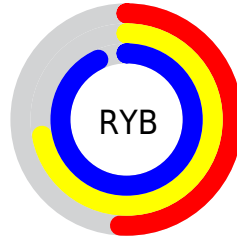
The XYZ color **54.3328, 71.2337, 89.4831** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.8744, 35.3457, 25.8270**, and the grayscale version is **57.6366, 60.6382, 66.0350**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **27.0445, 37.5314, 48.4667** is the 20% darker color. If you saturate the color by 10%, you get **51.0790, 69.5653, 89.0013**, and if you desaturate by 10%, it is **58.4258, 73.3380, 90.0081**.

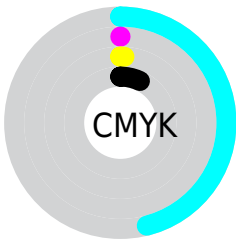
Distribution



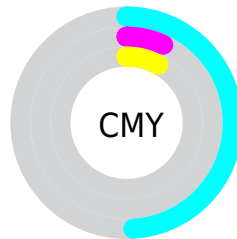
- Red (51%)
- Green (93%)
- Blue (92%)



- Red (51%)
- Yellow (72%)
- Blue (93%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)





- Cyan (49%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3328, 71.2337, 89.4831 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 54.3328, 71.2337, 89.4831 by changing the saturation by 10% instead.


 54.3328, 71.2337,
89.4831


 54.3328, 71.2337,
89.4831


393.5555,
464.8700, 546.8746


 39.0995, 52.5329,
66.9807


 95.7167, 120.9664,
148.5494

 27.0182, 37.4300,
48.6075


 122.5981,
152.7672, 185.9504

 17.7236, 25.5406,
33.9448


 154.0929,
189.7034, 229.1548

 10.8502, 16.4803,
22.5742

190.5665,
232.1594, 278.5809

 6.0327, 9.8647,
14.0771

232.3842,
280.5197, 334.6474

 2.9058, 5.3093,
8.0349

279.9113,

 1.1042, 2.4299,

335.1686, 397.7729

4.0292

333.5133,
396.4906, 468.3757

■ 0.0286, 0.8412,
1.6414

■ 0.0000, 0.0000,
0.3201

■ 54.3328, 71.2337,
89.4831

■ 54.3328, 71.2337,
89.4831

■ 51.0790, 69.5653,
89.0013

■ 58.4258, 73.3380,
90.0081

■ 48.5996, 68.2944,
88.5551


■ 63.4046, 75.8973,
90.5738


■ 46.8305, 67.3897,
88.1429

■ 69.3198, 78.9394,
91.1841


■ 45.6946, 66.8114,
87.7611


■ 76.2166, 82.4874,
91.8412


 45.0969, 66.5106,
87.4054


 84.1371, 86.5631,
92.5470

 44.9377, 66.4317,
87.2529

 86.9049, 87.9826,
93.0125

 86.9694, 88.0084,
93.3524

 87.0341, 88.0343,
93.6930

 87.0990, 88.0602,
94.0345

Harmonies

Analogous

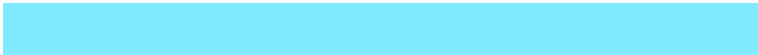
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.2823, 71.2337, 67.3158



54.3328, 71.2337, 89.4831



57.7775, 71.2337, 112.1139

Triad

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



54.3328, 71.2337, 89.4831



78.8871, 71.2337, 111.5299



71.5228, 71.2337, 43.1536

Complementary

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



54.3328, 71.2337, 89.4831



46.8744, 35.3457, 25.8270

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.



78.7103, 71.2337, 50.9555



54.3328, 71.2337, 89.4831



83.1770, 71.2337, 88.7972

Square

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



54.3328, 71.2337, 89.4831



71.7494, 71.2337, 126.4028



83.1100, 71.2337, 66.7486



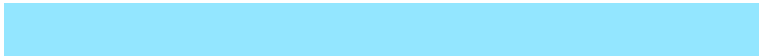
63.8165, 71.2337, 43.2670

Rectangle

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



54.3328, 71.2337, 89.4831



61.6972, 71.2337, 123.2119



83.1100, 71.2337, 66.7486



74.0917, 71.2337, 44.8610

Sweetspot

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



54.3349, 71.2365, 89.4848



83.0074, 93.8041, 107.7811



43.8586, 67.1102, 31.4123



17.4144, 19.8965, 23.0348



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.



54.3349, 71.2365, 89.4848



60.4315, 82.2015, 105.1092



42.0270, 46.1550, 86.8177



15.5049, 17.1168, 19.3417



24.5391, 36.2701, 47.6656



1.9308, 2.8496, 3.7633

Inverse Universe

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



46.8744, 35.3457, 25.8270



50.5738, 34.7571, 20.9811



55.0904, 51.9928, 27.9024



15.0768, 15.0586, 15.6898



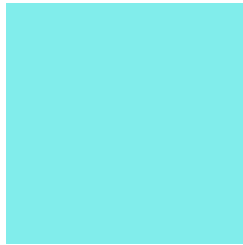
19.0862, 9.8372, 0.9892



1.5027, 0.7741, 0.0987

Previews

White Background



This preview shows how the XYZ color 54.3328, 71.2337, 89.4831 looks on a white background.

Color Contrast Check

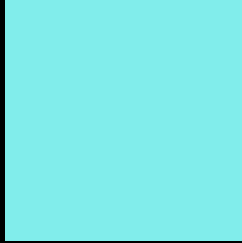
Large Text (above 18pt) WCAG AA × Fail

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 54.3328, 71.2337, 89.4831 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 54.3328, 71.2337, 89.4831

Background



This preview shows how black text looks on a background with the XYZ color 54.3328, 71.2337, 89.4831.

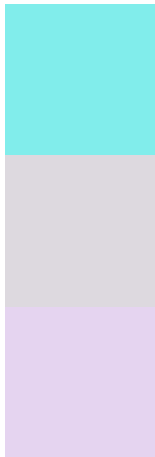


This preview shows how white text looks on a background with the XYZ color 54.3328, 71.2337,

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

54.3328, 71.2337, 89.4831

Protanopia

67.9509, 70.3256, 79.8048

Deuteranopia

71.5848, 70.0363, 92.1835



Tritanopia

57.1441, 71.0884, 103.6381

Trichromacy



Original Color

54.3328, 71.2337, 89.4831



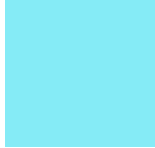
Protanomaly

61.2598, 69.5487, 82.8686



Deuteranomaly

63.2814, 69.2234, 90.9151



Tritanomaly

56.0157, 71.0570, 97.9518

Monochromacy



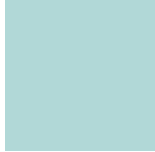
Original Color

54.3328, 71.2337, 89.4831



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.9531, 63.3651, 73.6243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3328, 71.2337, 89.4831 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(129, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(129, 237, 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(129, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 237, 235) }
```

Border

The CSS property to change the border of an element to XYZ 54.3328, 71.2337, 89.4831 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(129, 237, 235) }
```


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

```
.border{ border-color:rgb(129, 237, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(129, 237,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3328, 71.2337, 89.4831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 237, 235) }
```

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

```
.background{ background-color: rgb(129,  
237, 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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