

Converting Colors

XYZ(43.3704, 65.6441, 30.4833)

Have a look what the booklet for
XYZ(43.3704, 65.6441, 30.4833)
contains.

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Color

**XYZ(43.4069, 65.6122,
30.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	88EA7F
RGB	136, 234, 127
RGB Percent	53%, 92%, 50%
CMY	0.4667, 0.0823, 0.5019
CMYK	0.42, 0.00, 0.46, 0.08
HSL	115°, 72%, 71%
HSV	115°, 46%, 92%
XYZ	43.4069, 65.6122, 30.4553
YIQ	192.5000, -24.0610, -54.0530

Conversions

Conversions Part 2

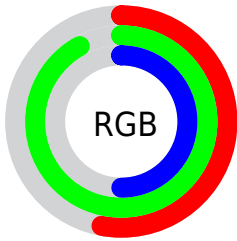
Format	Color
RYB	127, 234, 225
Decimal	8972927
CIELab	84.80, -49.43, 42.99
CIELCh	85, 65.512, 138.985
Yxy	65.6122, 0.3112, 0.4704
Android (android.graphics.Color)	4287163007 (0xFF88EA7F)
YUV	192.5000, -32.2915, -49.5505
Hunter-Lab	81.0014, -46.0980, 34.4088

Details

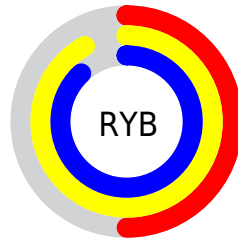
The XYZ color **43.4069, 65.6122, 30.4553** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **53.4953, 37.1290, 82.1925**, and the grayscale version is **50.5900, 53.2246, 57.9616**.

A 20% lighter version of the original color is **66.3486, 86.3255, 56.8816**, and **20.2166, 33.6145, 12.0793** is the 20% darker color. If you saturate the color by 10%, you get **38.9162, 63.4553, 23.1881**, and if you desaturate by 10%, it is **48.9510, 68.2751, 39.6232**.

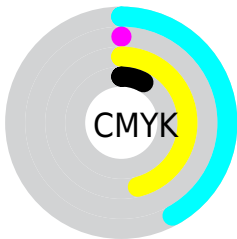
Distribution



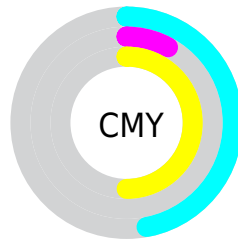
- Red (53%)
- Green (92%)
- Blue (50%)



- Red (50%)
- Yellow (92%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (8%)





- Cyan (47%)
- Magenta (8%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4069, 65.6122, 30.4553 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 43.4069, 65.6122, 30.4553 by changing the saturation by 10% instead.


 43.4069, 65.6122,
30.4553


 43.4069, 65.6122,
30.4553


351.1757,
444.9887, 318.2941


 30.4004, 47.9577,
19.9295


 79.5764, 112.9296,
61.4510

 20.2923, 33.7934,
12.1602


 103.4702,
143.3612, 82.7578

 12.7172, 22.7349,
6.7290


 131.7237,
178.8206, 108.4955

 7.3097, 14.3979,
3.2173

164.7024,
219.6922, 139.0825

 3.7046, 8.3979,
1.2067

202.7716,
266.3604, 174.9373

 1.5364, 4.3506,
0.0000

246.2966,

 0.3504, 1.8716,

319.2097, 216.4784

0.0000

295.6429,
378.6243, 264.1245

0.0000, 0.5312,
0.0000

0.0000, 0.0000,
0.0000

43.4069, 65.6122,
30.4553

43.4069, 65.6122,
30.4553

38.9162, 63.4553,
23.1881

48.9510, 68.2751,
39.6232

35.4075, 61.7647,
17.6842


55.6045, 71.4644,
50.8076


32.8081, 60.5080,
13.7950


63.4249, 75.2094,
64.1202


31.0330, 59.6454,
11.3456

72.4647, 79.5350,
79.6633

 29.9810, 59.1291,
10.1201

 82.7730, 84.4642,
97.5328

 29.7061, 58.9937,
9.8212

 88.7142, 87.3283,
106.7881

Harmonies

Analogous

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



53.6281, 65.6122, 19.0404



43.4069, 65.6122, 30.4553



38.5684, 65.6122, 57.0889

Triad

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



43.4069, 65.6122, 30.4553



57.1261, 65.6122, 183.7057



93.0221, 65.6122, 48.2492

Complementary

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



43.4069, 65.6122, 30.4553



53.4953, 37.1290, 82.1925

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.



94.3532, 65.6122, 88.0159



43.4069, 65.6122, 30.4553



71.9971, 65.6122, 178.3049

Square

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



43.4069, 65.6122, 30.4553



45.6209, 65.6122, 151.3830



86.1613, 65.6122, 138.6585



82.7678, 65.6122, 26.1757

Rectangle

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



43.4069, 65.6122, 30.4553



38.4425, 65.6122, 84.8152



86.1613, 65.6122, 138.6585



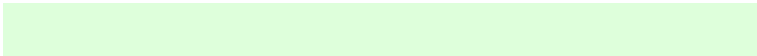
94.5821, 65.6122, 59.5515

Sweetspot

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



43.4085, 65.6150, 30.4568



78.8025, 92.2276, 80.8735



64.2333, 71.9638, 30.5846



16.3881, 19.5113, 16.4903



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.



43.4085, 65.6150, 30.4568



47.5247, 77.2291, 28.5462



45.4141, 66.2554, 48.3279



14.9857, 16.9227, 15.9953



16.7347, 33.1715, 5.5207



1.3547, 2.6257, 0.4354

Inverse Universe

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



53.4953, 37.1290, 82.1925



61.1858, 38.5160, 98.8172



50.9494, 36.4433, 53.7569



15.5826, 15.2456, 19.0437



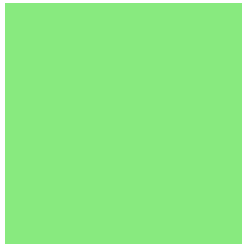
24.0350, 11.4264, 44.6817



1.9242, 0.9163, 3.5103

Previews

White Background



This preview shows how the XYZ color 43.4069, 65.6122, 30.4553 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 43.4069, 65.6122, 30.4553 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 43.4069, 65.6122, 30.4553

Background



This preview shows how black text looks on a background with the XYZ color 43.4069, 65.6122, 30.4553.



This preview shows how white text looks on a background with the XYZ color 43.4069, 65.6122,

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

43.4069, 65.6122, 30.4553

Protanopia

59.5193, 64.8855, 26.5267

Deuteranopia

66.1329, 64.5934, 31.9039



Tritanopia

55.5370, 65.2140, 91.3218

Trichromacy



Original Color

43.4069, 65.6122, 30.4553



Protanomaly

51.5477, 63.7793, 27.6829



Deuteranomaly

54.8231, 63.1033, 31.1205



Tritanomaly

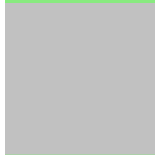
49.9671, 64.9540, 63.3299

Monochromacy



Original Color

43.4069, 65.6122, 30.4553



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

46.7306, 56.7470, 46.0264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4069, 65.6122, 30.4553 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(136, 234, 127)` looks like.

```
.text, #text, p{  
    color:rgb(136, 234, 127)  
}
```

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(136, 234, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 234, 127) }
```

Border

The CSS property to change the border of an element to XYZ 43.4069, 65.6122, 30.4553 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(136, 234, 127) }
```


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

```
.border{ border-color:rgb(136, 234, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 234, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 234, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 234, 127); box-shadow:4px 4px 4px 4px rgb(136, 234, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4069, 65.6122, 30.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 234, 127) }
```

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

```
.background{ background-color: rgb(136,  
234, 127) }
```

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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