

Converting Colors

XYZ(54.8743, 71.3936, 36.8748)

Have a look what the booklet for
XYZ(54.8743, 71.3936, 36.8748)
contains.

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Color

**XYZ(54.8743, 71.3936,
36.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEA8F
RGB	187, 234, 143
RGB Percent	73%, 92%, 56%
CMY	0.2667, 0.0823, 0.4392
CMYK	0.20, 0.00, 0.39, 0.08
HSL	91°, 68%, 74%
HSV	91°, 39%, 92%
XYZ	54.8743, 71.3936, 36.8748
YIQ	209.5730, 1.1990, -38.2650

Conversions

Conversions Part 2

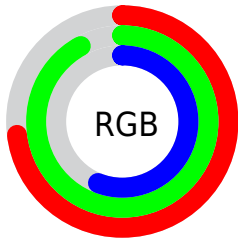
Format	Color
RYB	143, 234, 190
Decimal	12315279
CIELab	87.68, -30.54, 39.34
CIElCh	88, 49.806, 127.820
Yxy	71.3936, 0.3364, 0.4376
Android (android.graphics.Color)	4290505359 (0xFFBBEA8F)
YUV	209.5730, -32.8205, -19.7965
Hunter-Lab	84.4947, -31.9407, 33.2712

Details

The XYZ color **54.8743, 71.3936, 36.8748** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **45.9119, 36.5346, 82.4779**, and the grayscale version is **61.1879, 64.3745, 70.1038**.

A 20% lighter version of the original color is **83.2613, 94.8303, 67.3418**, and **27.3244, 37.5017, 15.6959** is the 20% darker color. If you saturate the color by 10%, you get **50.4502, 69.2990, 28.3600**, and if you desaturate by 10%, it is **59.9207, 73.7707, 47.3516**.

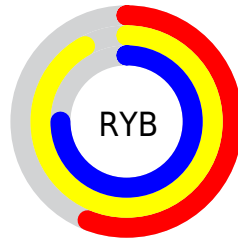
Distribution



Red (73%)

Green (92%)

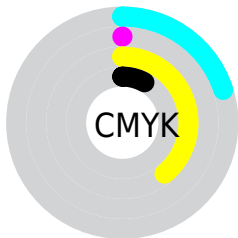
Blue (56%)



Red (56%)

Yellow (92%)

Blue (75%)

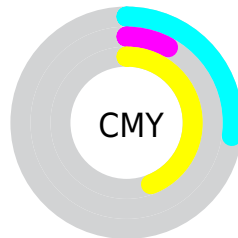


Cyan (20%)

Magenta (0%)

Yellow (39%)

Black (8%)



Cyan (27%)


Magenta (8%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8743, 71.3936, 36.8748 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 54.8743, 71.3936, 36.8748 by changing the saturation by 10% instead.


 54.8743, 71.3936,
36.8748


 54.8743, 71.3936,
36.8748


395.5794,
465.4282, 347.9205

 39.5345, 52.6635,
24.8155


 96.5062, 121.1940,
71.5644

 27.3584, 37.5342,
15.7219


 123.5290,
153.0330, 95.0317

 17.9806, 25.6214,
9.1754


155.1768,
190.0105, 123.1389

 11.0356, 16.5406,
4.7574

191.8151,
232.5108, 156.3044

 6.1583, 9.9075,
2.0494

233.8091,
280.9184, 194.9468

 2.9831, 5.3377,
0.5854

281.5243,

 1.1449, 2.4467,

335.6175, 239.4846

0.0000

335.3260,
396.9926, 290.3363

0.0621, 0.8498,
0.0000

0.0000, 0.0000,
0.0000

54.8743, 71.3936,
36.8748

54.8743, 71.3936,
36.8748

50.4502, 69.2990,
28.3600

59.9207, 73.7707,
47.3516

46.6138, 67.4651,
21.6803


65.6110, 76.4324,
59.8977

43.3346, 65.8815,
16.7012


71.9724, 79.3926,
74.6178


40.5768, 64.5329,
13.2677


79.0286, 82.6614,
91.6083

 38.2987, 63.4020,
11.1965

 85.9856, 85.9219,
106.6604

 36.4405, 62.4639,
10.2108

 88.7143, 87.3286,
106.7881

 36.2520, 62.3684,
10.1276

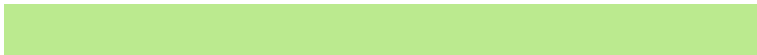
Harmonies

Analogous

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



64.8171, 71.3936, 29.4958



54.8743, 71.3936, 36.8748



48.9414, 71.3936, 55.6945

Triad

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



54.8743, 71.3936, 36.8748



59.6473, 71.3936, 154.7661



92.9085, 71.3936, 69.2255

Complementary

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



54.8743, 71.3936, 36.8748



45.9119, 36.5346, 82.4779

Split Complementary

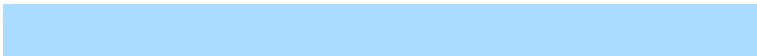
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1102, 71.3936, 104.9373



54.8743, 71.3936, 36.8748



70.9915, 71.3936, 161.5153

Square

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



54.8743, 71.3936, 36.8748



51.4663, 71.3936, 124.7743



82.7422, 71.3936, 141.1919



87.4046, 71.3936, 44.3114

Rectangle

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



54.8743, 71.3936, 36.8748



47.6165, 71.3936, 75.2896



82.7422, 71.3936, 141.1919



93.1486, 71.3936, 80.2338

Sweetspot

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



54.8761, 71.3967, 36.8763



84.9312, 95.3081, 84.7257



56.9826, 55.6587, 33.7276



17.9589, 20.2976, 17.6234



0.0000, 0.0000, 0.0000



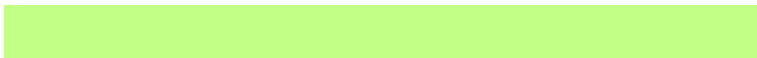
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.8761, 71.3967, 36.8763



62.1603, 84.6235, 36.0348



45.7106, 66.6717, 36.4474



15.5614, 17.2195, 16.0222



20.5146, 35.1201, 5.6976



1.7215, 2.8148, 0.4526

Inverse Universe

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



45.9119, 36.5346, 82.4779



49.7753, 36.4676, 99.0232



58.6083, 43.0798, 83.0721



14.9733, 14.9315, 19.0151



12.9122, 5.6924, 44.1612



1.1250, 0.5042, 3.4729

Previews

White Background



This preview shows how the XYZ color 54.8743, 71.3936, 36.8748 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 54.8743, 71.3936, 36.8748 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

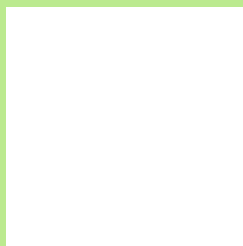
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8743, 71.3936, 36.8748

Background



This preview shows how black text looks on a background with the XYZ color 54.8743, 71.3936, 36.8748.



This preview shows how white text looks on a background with the XYZ color 54.8743, 71.3936,

36.8748.

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

54.8743, 71.3936, 36.8748

Protanopia

65.4435, 70.8199, 33.8873

Deuteranopia

71.2351, 70.5289, 44.9809



Tritanopia

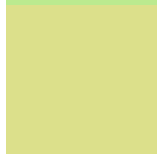
65.9368, 70.9513, 92.6578

Trichromacy



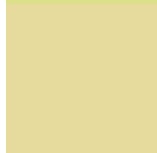
Original Color

54.8743, 71.3936, 36.8748



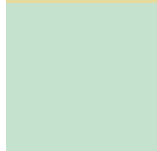
Protanomaly

60.8311, 70.3910, 34.8068



Deuteranomaly

63.9654, 69.8863, 41.5706



Tritanomaly

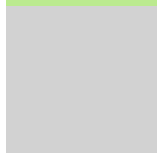
60.9808, 70.5363, 68.1584

Monochromacy



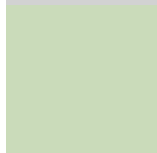
Original Color

54.8743, 71.3936, 36.8748



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.5516, 66.7648, 56.2553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8743, 71.3936, 36.8748 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(187, 234, 143)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 143)  
}
```

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(187, 234, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 143) }
```

Border

The CSS property to change the border of an element to XYZ 54.8743, 71.3936, 36.8748 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(187, 234, 143) }
```


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

```
.border{ border-color:rgb(187, 234, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 234, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 143);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8743, 71.3936, 36.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 143) }
```

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

```
.background{ background-color: rgb(187,  
234, 143) }
```

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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