

Converting Colors

XYZ(53.7997, 71.2080, 54.8349)

Have a look what the booklet for
XYZ(53.7997, 71.2080, 54.8349)
contains.

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Color

**XYZ(53.8530, 71.3264,
54.6451)**

Conversions

Conversions Part 1

Format	Color
Hex	A5ECB5
RGB	165, 236, 181
RGB Percent	65%, 93%, 71%
CMY	0.3529, 0.0745, 0.2902
CMYK	0.30, 0.00, 0.23, 0.07
HSL	134°, 65%, 79%
HSV	134°, 30%, 93%
XYZ	53.8530, 71.3264, 54.6451
YIQ	208.5010, -24.6610, -32.1570

Conversions

Conversions Part 2

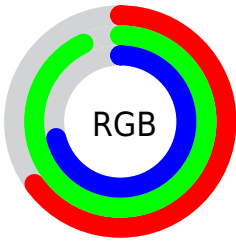
Format	Color
RYB	165, 223, 236
Decimal	10874037
CIELab	87.64, -33.00, 19.76
CIElCh	88, 38.462, 149.089
Yxy	71.3264, 0.2995, 0.3966
Android (android.graphics.Color)	4289064117 (0xFFA5ECB5)
YUV	208.5010, -13.5580, -38.1504
Hunter-Lab	84.4550, -33.9750, 20.7559

Details

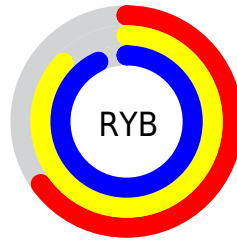
The XYZ color **53.8530, 71.3264, 54.6451** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.9679, 49.9121, 74.1337**, and the grayscale version is **60.3778, 63.5222, 69.1757**.

A 20% lighter version of the original color is **80.8649, 93.0066, 93.8108**, and **26.7731, 37.5805, 26.2648** is the 20% darker color. If you saturate the color by 10%, you get **47.6354, 68.3259, 45.1965**, and if you desaturate by 10%, it is **61.2263, 74.8983, 65.4359**.

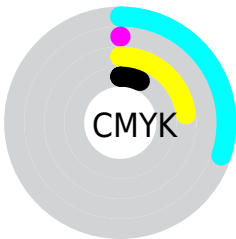
Distribution



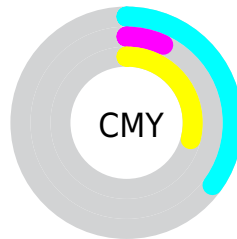
- Red (65%)
- Green (93%)
- Blue (71%)



- Red (65%)
- Yellow (87%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)





- Cyan (35%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8530, 71.3264, 54.6451 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 53.8530, 71.3264, 54.6451 by changing the saturation by 10% instead.

 53.8530, 71.3264,
54.6451


 53.8530, 71.3264,
54.6451


391.7567,
465.1936, 421.8092

 38.7144, 52.6086,
38.7210


 95.0165, 121.0984,
98.4867

 26.7173, 37.4904,
26.2366


 121.7721,
152.9213, 127.2413

 17.4965, 25.5874,
16.7733


153.1308,
189.8815, 161.1097

 10.6866, 16.5152,
9.9128

189.4578,
232.3632, 200.5106

 5.9223, 9.8895,
5.2363

231.1185,
280.7509, 245.8624

 2.8381, 5.3257,
2.3254


278.4783,

 1.0687, 2.4396,


335.4289, 297.5838


0.7454


331.9026,
396.7817, 356.0932


 0.0000, 0.8462,
0.0000


 0.0000, 0.0000,
0.0000


 53.8530, 71.3264,
54.6451


 53.8530, 71.3264,
54.6451


 47.6354, 68.3259,
45.1965


 61.2263, 74.8983,
65.4359


 42.5086, 65.8582,
37.0328

 69.8048, 79.0601,
77.6135

 38.4094, 63.8943,
30.0998

 79.6418, 83.8401,
91.2267

 35.2661, 62.3981,
24.3374

 89.1471, 88.4177,
106.2434

■ 32.9972, 61.3292,
19.6805

■ 89.2868, 88.4736,
106.9789

■ 31.5066, 60.6394,
16.0574

■ 30.6436, 60.2523,
13.4051

Harmonies

Analogous

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



59.6321, 71.3264, 41.5662



53.8530, 71.3264, 54.6451



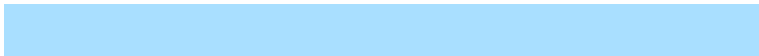
51.7498, 71.3264, 76.8681

Triad

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



53.8530, 71.3264, 54.6451



67.5157, 71.3264, 139.3678



84.2749, 71.3264, 55.7443

Complementary

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



53.8530, 71.3264, 54.6451



60.9679, 49.9121, 74.1337

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.



86.8517, 71.3264, 78.4620



53.8530, 71.3264, 54.6451



76.6678, 71.3264, 130.2429

Square

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



53.8530, 71.3264, 54.6451



59.1907, 71.3264, 129.1212



83.9536, 71.3264, 106.3760



77.1921, 71.3264, 42.0938

Rectangle

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



53.8530, 71.3264, 54.6451



52.5563, 71.3264, 95.2441



83.9536, 71.3264, 106.3760



85.7234, 71.3264, 62.3894

Sweetspot

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



53.8549, 71.3294, 54.6467



84.3734, 94.8116, 94.1442



66.4919, 78.0229, 47.1535



17.7149, 20.1263, 19.6686



0.0000, 0.0000, 0.0000



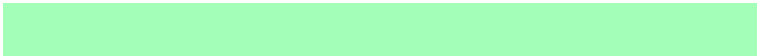
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8549, 71.3294, 54.6467



59.5451, 82.7836, 58.1258



57.8943, 72.9451, 75.9177



15.0073, 16.9178, 16.7214



16.9308, 33.2268, 7.6006



1.3651, 2.6233, 0.7844

Inverse Universe

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



60.9679, 49.9121, 74.1337



69.2690, 53.4840, 84.7504



56.8186, 48.2523, 52.2839



15.5611, 15.2523, 18.2401



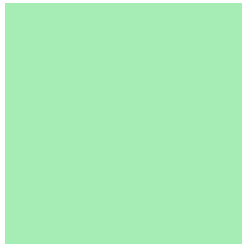
23.8199, 11.7307, 25.9167



1.9060, 0.9354, 2.2223

Previews

White Background



This preview shows how the XYZ color 53.8530, 71.3264, 54.6451 looks on a white background.

Color Contrast Check

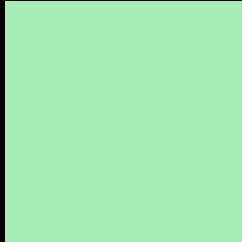
Large Text (above 18pt) WCAG AA × Fail

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 53.8530, 71.3264, 54.6451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

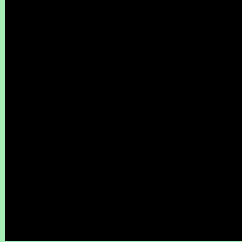
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8530, 71.3264, 54.6451

Background



This preview shows how black text looks on a background with the XYZ color 53.8530, 71.3264, 54.6451.



This preview shows how white text looks on a background with the XYZ color 53.8530, 71.3264,

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

53.8530, 71.3264, 54.6451

Protanopia

66.2185, 70.4836, 49.6498

Deuteranopia

71.9409, 70.6429, 56.2981



Tritanopia

62.2351, 70.9391, 97.6013

Trichromacy



Original Color

53.8530, 71.3264, 54.6451



Protanomaly

60.7741, 70.3949, 51.4587



Deuteranomaly

63.7601, 69.8627, 55.4717



Tritanomaly

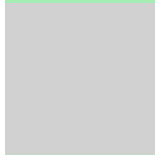
58.7152, 70.7518, 79.6691

Monochromacy



Original Color

53.8530, 71.3264, 54.6451



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.6326, 66.1240, 63.7585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8530, 71.3264, 54.6451 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(165, 236, 181)` looks like.

```
.text, #text, p{  
    color:rgb(165, 236, 181)  
}
```

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(165, 236, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 236, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.8530, 71.3264, 54.6451 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(165, 236, 181) }
```


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

```
.border{ border-color:rgb(165, 236, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 236, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 236, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 236, 181);  
box-shadow:4px 4px 4px 4px rgb(165, 236,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8530, 71.3264, 54.6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 236, 181) }
```

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

```
.background{ background-color: rgb(165,  
236, 181) }
```

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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