

Converting Colors

XYZ(53.3587, 70.6454, 54.5397)

Have a look what the booklet for
XYZ(53.3587, 70.6454, 54.5397)
contains.

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Color

**XYZ(53.3587, 70.6454,
54.5397)**

Conversions

Conversions Part 1

Format	Color
Hex	A4EBB5
RGB	164, 235, 181
RGB Percent	64%, 92%, 71%
CMY	0.3569, 0.0784, 0.2902
CMYK	0.30, 0.00, 0.23, 0.08
HSL	134°, 64%, 78%
HSV	134°, 30%, 92%
XYZ	53.3587, 70.6454, 54.5397
YIQ	207.6150, -24.9820, -31.8460

Conversions

Conversions Part 2

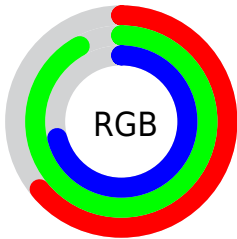
Format	Color
RYB	164, 221, 235
Decimal	10808245
CIELab	87.31, -32.84, 19.29
CIELCh	87, 38.088, 149.573
Yxy	70.6454, 0.2989, 0.3957
Android (android.graphics.Color)	4288998325 (0xFFA4EBB5)
YUV	207.6150, -13.1212, -38.2504
Hunter-Lab	84.0508, -33.7702, 20.3629

Details

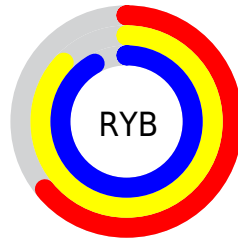
The XYZ color **53.3587, 70.6454, 54.5397** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.1937, 49.2767, 72.6714**, and the grayscale version is **59.8003, 62.9146, 68.5140**.

A 20% lighter version of the original color is **80.5613, 92.8501, 93.7966**, and **26.4468, 37.1137, 26.1918** is the 20% darker color. If you saturate the color by 10%, you get **47.2319, 67.6874, 45.2863**, and if you desaturate by 10%, it is **60.6207, 74.1654, 65.0775**.

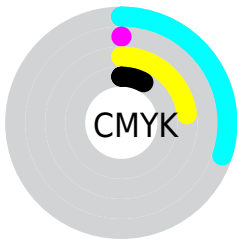
Distribution



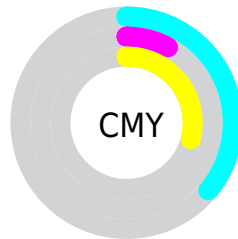
- Red (64%)
- Green (92%)
- Blue (71%)



- Red (64%)
- Yellow (87%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)




- Cyan (36%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3587, 70.6454, 54.5397 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 53.3587, 70.6454, 54.5397 by changing the saturation by 10% instead.


 53.3587, 70.6454,
54.5397


 53.3587, 70.6454,
54.5397


389.8982,
462.8129, 421.3974

 38.3178, 52.0529,
38.6372


 94.2944, 120.1287,
98.3306

 26.4078, 37.0472,
26.1720


 120.9199,
151.7882, 127.0561

 17.2632, 25.2441,
16.7254


152.1377,
188.5722, 160.8930

 10.5188, 16.2590,
9.8790

188.3132,
230.8651, 200.2598

 5.8092, 9.7076,
5.2143

229.8116,
279.0512, 245.5751

 2.7689, 5.2055,
2.3126


276.9983,

 1.0328, 2.3683,


333.5149, 297.2574


0.7383

330.2387,
394.6407, 355.7254


 0.0000, 0.8095,
0.0000


 0.0000, 0.0000,
0.0000


 53.3587, 70.6454,
54.5397


 53.3587, 70.6454,
54.5397

 47.2319, 67.6874,
45.2863


 60.6207, 74.1654,
65.0775

 42.1764, 65.2535,
37.2634

 69.0662, 78.2654,
76.9415

 38.1303, 63.3150,
30.4204

 78.7478, 82.9735,
90.1772

 35.0232, 61.8366,
24.7013

 88.5993, 87.7392,
104.7745

■ 32.7748, 60.7782,
20.0454

■ 88.9997, 87.8994,
106.8832

■ 31.2910, 60.0927,
16.3861

■ 30.4301, 59.7075,
13.6967

Harmonies

Analogous

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



58.9970, 70.6454, 41.4917



53.3587, 70.6454, 54.5397



51.3491, 70.6454, 76.5536

Triad

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



53.3587, 70.6454, 54.5397



67.0180, 70.6454, 137.5653



83.2735, 70.6454, 55.0479

Complementary

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



53.3587, 70.6454, 54.5397



60.1937, 49.2767, 72.6714

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.



85.8907, 70.6454, 77.2893



53.3587, 70.6454, 54.5397



76.0135, 70.6454, 128.3121

Square

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



53.3587, 70.6454, 54.5397



58.7932, 70.6454, 127.7953



83.1253, 70.6454, 104.7143



76.2554, 70.6454, 41.7360

Rectangle

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



53.3587, 70.6454, 54.5397



52.1857, 70.6454, 94.6635



83.1253, 70.6454, 104.7143



84.7235, 70.6454, 61.5464

Sweetspot

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



53.3606, 70.6484, 54.5413



84.4208, 94.8305, 94.3935



65.4551, 77.0727, 46.5494



17.7265, 20.1310, 19.7296



0.0000, 0.0000, 0.0000



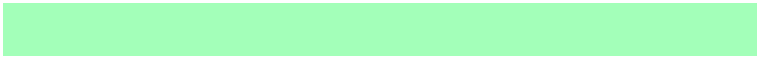
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3606, 70.6484, 54.5413



59.6812, 82.8380, 58.8424



57.4237, 72.2736, 75.9373



15.0162, 16.9213, 16.7679



16.9765, 33.2451, 7.8414



1.3698, 2.6252, 0.8093

Inverse Universe

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



60.1937, 49.2767, 72.6714



69.0836, 53.4098, 83.7739



56.0788, 47.6307, 51.0027



15.5516, 15.2485, 18.1902



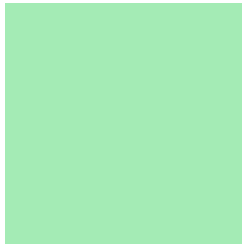
23.6336, 11.6561, 24.9356



1.8928, 0.9301, 2.1528

Previews

White Background



This preview shows how the XYZ color 53.3587, 70.6454, 54.5397 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 53.3587, 70.6454, 54.5397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

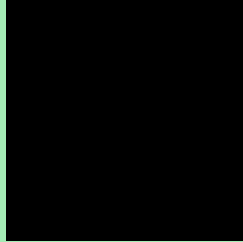
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3587, 70.6454, 54.5397

Background



This preview shows how black text looks on a background with the XYZ color 53.3587, 70.6454, 54.5397.



This preview shows how white text looks on a background with the XYZ color 53.3587, 70.6454,

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

53.3587, 70.6454, 54.5397

Protanopia

65.8929, 70.3157, 49.6345

Deuteranopia

71.3339, 69.9624, 56.1988



Tritanopia

61.5823, 70.2154, 96.6934

Trichromacy



Original Color

53.3587, 70.6454, 54.5397



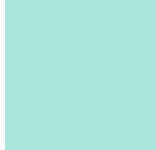
Protanomaly

60.2243, 69.7113, 51.3558



Deuteranomaly

63.1967, 69.1838, 55.3704



Tritanomaly

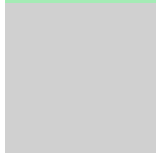
58.2174, 70.0832, 79.5663

Monochromacy



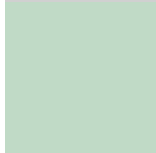
Original Color

53.3587, 70.6454, 54.5397



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.0027, 65.4265, 63.0503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3587, 70.6454, 54.5397 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(164, 235, 181)` looks like.

```
.text, #text, p{  
    color:rgb(164, 235, 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(164, 235, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 235, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.3587, 70.6454, 54.5397 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(164, 235, 181) }
```


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

```
.border{ border-color:rgb(164, 235, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 235, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 235, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 235, 181);  
box-shadow:4px 4px 4px 4px rgb(164, 235,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3587, 70.6454, 54.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 235, 181) }
```

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

```
.background{ background-color: rgb(164,  
235, 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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