

Converting Colors

XYZ(53.2729, 65.9513, 65.3141)

Have a look what the booklet for
XYZ(53.2729, 65.9513, 65.3141)
contains.

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Color

**XYZ(53.1346, 65.7438,
65.1477)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E0C9
RGB	167, 224, 201
RGB Percent	65%, 88%, 79%
CMY	0.3451, 0.1216, 0.2118
CMYK	0.25, 0.00, 0.10, 0.12
HSL	156°, 48%, 77%
HSV	156°, 25%, 88%
XYZ	53.1346, 65.7438, 65.1477
YIQ	204.3350, -26.5890, -19.2370

Conversions

Conversions Part 2

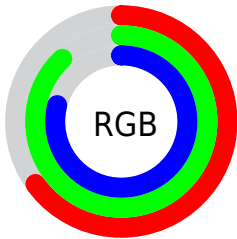
Format	Color
RYB	167, 203, 224
Decimal	11002057
CIELab	84.87, -22.87, 5.38
CIELCh	85, 23.497, 166.773
Yxy	65.7438, 0.2887, 0.3573
Android (android.graphics.Color)	4289192137 (0xFFA7E0C9)
YUV	204.3350, -1.6442, -32.7428
Hunter-Lab	81.0826, -24.9208, 9.1198

Details

The XYZ color **53.1346, 65.7438, 65.1477** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.8557, 47.2041, 54.9907**, and the grayscale version is **57.6300, 60.6312, 66.0274**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **26.3939, 34.0599, 32.7869** is the 20% darker color. If you saturate the color by 10%, you get **47.7741, 63.1014, 59.5091**, and if you desaturate by 10%, it is **59.3811, 68.8392, 71.1573**.

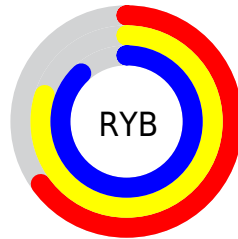
Distribution



Red (65%)

Green (88%)

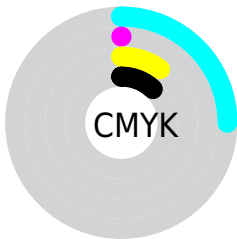
Blue (79%)



Red (65%)

Yellow (80%)

Blue (88%)

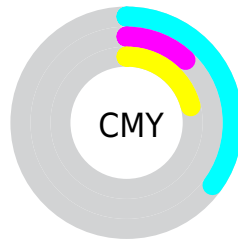


Cyan (25%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (35%)

Magenta (12%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1346, 65.7438, 65.1477 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 53.1346, 65.7438, 65.1477 by changing the saturation by 10% instead.


 53.1346, 65.7438,
65.1477


 53.1346, 65.7438,
65.1477


389.0537,
445.4601, 461.6433

 38.1381, 48.0645,
47.1287


 93.9668, 113.1185,
113.8775

 26.2676, 33.8779,
32.7824


 120.5332,
143.5827, 145.4254

 17.1577, 22.7998,
21.6900


151.6870,
179.0773, 182.3201

 10.4430, 14.4458,
13.4332

187.7935,
219.9867, 224.9800

 5.7582, 8.4314,
7.5933

229.2180,
266.6953, 273.8237

 2.7378, 4.3722,
3.7518

276.3260,

 1.0167, 1.8839,

319.5874, 329.2698

1.4902

329.4828,
379.0476, 391.7368

■ 0.0000, 0.5386,
0.2106

■ 0.0000, 0.0000,
0.0000

■ 53.1346, 65.7438,
65.1477

■ 53.1346, 65.7438,
65.1477

■ 47.7741, 63.1014,
59.5091

■ 59.3811, 68.8392,
71.1573

■ 43.2506, 60.8816,
54.2295

■ 66.5482, 72.4002,
77.5407

■ 39.5190, 59.0631,
49.3023

■ 74.6756, 76.4486,
84.3064

■ 36.5271, 57.6191,
44.7193

■ 83.2062, 80.6974,
91.4337

■ 34.2166, 56.5196,
40.4718

■ 84.5620, 81.2397,
98.5729

■ 32.5193, 55.7297,
36.5502

■ 85.9468, 81.7937,
105.8656

■ 31.3521, 55.2065,
32.9443

■ 30.9328, 55.0240,
31.4023

Harmonies

Analogous

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



55.3922, 65.7438, 53.4933



53.1346, 65.7438, 65.1477



53.2803, 65.7438, 80.2878

Triad

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



53.1346, 65.7438, 65.1477



65.4570, 65.7438, 103.1142



69.6865, 65.7438, 52.4548

Complementary

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



53.1346, 65.7438, 65.1477



53.8557, 47.2041, 54.9907

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.



72.6986, 65.7438, 63.5328



53.1346, 65.7438, 65.1477



70.1643, 65.7438, 93.3523

Square

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



53.1346, 65.7438, 65.1477



60.1978, 65.7438, 103.7079



72.8782, 65.7438, 78.4305



64.8345, 65.7438, 46.8901

Rectangle

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



53.1346, 65.7438, 65.1477



54.7183, 65.7438, 90.3968



72.8782, 65.7438, 78.4305



70.9594, 65.7438, 55.5808

Sweetspot

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



53.1364, 65.7465, 65.1492



86.6417, 95.8152, 101.7356



55.0559, 67.1481, 46.6193



18.2264, 20.3501, 21.4952



0.0000, 0.0000, 0.0000



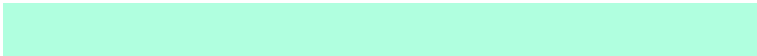
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1364, 65.7465, 65.1492



66.9860, 86.0774, 82.9670



54.7898, 64.3935, 80.0656



13.8702, 15.4738, 16.3518



18.0626, 32.0499, 18.5847



1.2960, 2.2391, 1.5197

Inverse Universe

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



53.8557, 47.2041, 54.9907



68.1222, 56.8377, 66.9580



52.4225, 48.0489, 43.0716



13.9353, 13.7917, 15.4294



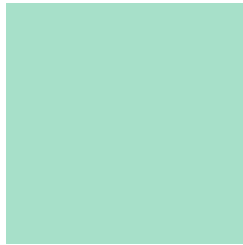
19.0306, 9.6792, 6.8269



1.3626, 0.6883, 0.7021

Previews

White Background



This preview shows how the XYZ color 53.1346, 65.7438, 65.1477 looks on a white background.

Color Contrast Check

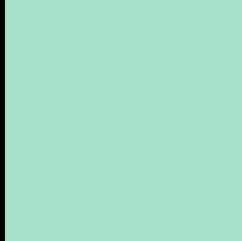
Large Text (above 18pt) WCAG AA × Fail

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 53.1346, 65.7438, 65.1477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

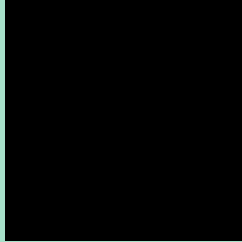
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

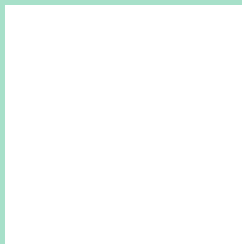
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1346, 65.7438, 65.1477

Background



This preview shows how black text looks on a background with the XYZ color 53.1346, 65.7438, 65.1477.



This preview shows how white text looks on a background with the XYZ color 53.1346, 65.7438,

65.1477.

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

53.1346, 65.7438, 65.1477

Protanopia

61.9976, 65.0483, 60.3269

Deuteranopia

66.5440, 65.0859, 66.8132



Tritanopia

57.9274, 65.7178, 88.9886

Trichromacy



Original Color

53.1346, 65.7438, 65.1477

Protanomaly

58.1979, 64.9115, 62.2851

Deuteranomaly

60.7717, 64.6498, 66.4024

Tritanomaly

55.9703, 65.6985, 79.5432

Monochromacy



Original Color

53.1346, 65.7438, 65.1477

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.5596, 61.9767, 65.5343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1346, 65.7438, 65.1477 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(167, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 224, 201)  
}
```

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(167, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 224, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.1346, 65.7438, 65.1477 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(167, 224, 201) }
```


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

```
.border{ border-color:rgb(167, 224, 201) }
```

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

Here you see how a box with a 4 pixel rgb(167, 224, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 224,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1346, 65.7438, 65.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 224, 201) }
```

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

```
.background{ background-color: rgb(167,  
224, 201) }
```

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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