

Converting Colors

XYZ(52.6359, 73.8535, 50.5138)

Have a look what the booklet for
XYZ(52.6359, 73.8535, 50.5138)
contains.

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Color

**XYZ(52.6339, 73.8520,
50.5105)**

Conversions

Conversions Part 1

Format	Color
Hex	99F3AC
RGB	153, 243, 172
RGB Percent	60%, 95%, 67%
CMY	0.4000, 0.0470, 0.3255
CMYK	0.37, 0.00, 0.29, 0.05
HSL	133°, 79%, 78%
HSV	133°, 37%, 95%
XYZ	52.6339, 73.8520, 50.5105
YIQ	207.9960, -30.8490, -41.1610

Conversions

Conversions Part 2

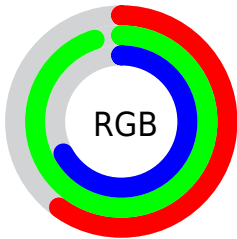
Format	Color
RYB	153, 227, 243
Decimal	10089388
CIELab	88.85, -41.36, 25.96
CIELCh	89, 48.827, 147.886
Yxy	73.8520, 0.2974, 0.4173
Android (android.graphics.Color)	4288279468 (0xFF99F3AC)
YUV	207.9960, -17.7460, -48.2315
Hunter-Lab	85.9372, -41.0643, 25.3077

Details

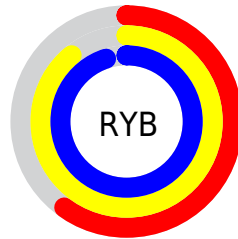
The XYZ color **52.6339, 73.8520, 50.5105** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.8104, 47.2207, 76.3808**, and the grayscale version is **60.0790, 63.2078, 68.8333**.

A 20% lighter version of the original color is **76.3419, 90.8231, 86.9057**, and **25.9257, 39.0464, 23.6230** is the 20% darker color. If you saturate the color by 10%, you get **46.7958, 71.0421, 41.3103**, and if you desaturate by 10%, it is **59.6754, 77.2558, 61.1566**.

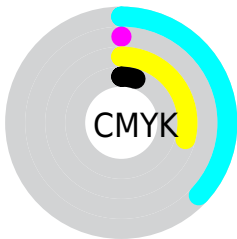
Distribution



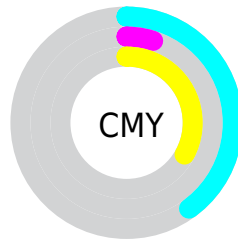
- Red (60%)
- Green (95%)
- Blue (67%)



- Red (60%)
- Yellow (89%)
- Blue (95%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (5%)





- Cyan (40%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6339, 73.8520, 50.5105 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 52.6339, 73.8520, 50.5105 by changing the saturation by 10% instead.


 52.6339, 73.8520,
50.5105


 52.6339, 73.8520,
50.5105


387.1628,
473.9624, 405.4511

 37.7369, 54.6729,
35.4452


 93.2341, 124.6860,
92.3349

 25.9548, 39.1399,
23.7197


 119.6681,
157.1097, 119.9310

 16.9224, 26.8686,
14.9156


150.6784,
194.7170, 152.5412

 10.2741, 17.4745,
8.6142

186.6304,
237.8924, 190.5839

 5.6447, 10.5734,
4.3970

227.8895,
287.0203, 234.4777

 2.6689, 5.7808,
1.8456


274.8211,

 0.9812, 2.7122,


342.4849, 284.6411


0.4578


327.7904,
404.6709, 341.4927


 0.0000, 0.9834,
0.0000


 0.0000, 0.0000,
0.0000


 52.6339, 73.8520,
50.5105


 52.6339, 73.8520,
50.5105


 46.7958, 71.0421,
41.3103

 59.6754, 77.2558,
61.1566


 42.0871, 68.7828,
33.4889

 67.9774, 81.2754,
73.3021

 38.4340, 67.0399,
26.9808

 77.6004, 85.9429,
87.0039

 35.7519, 65.7710,
21.7138

 88.5990, 91.2855,
102.3145

■ 33.9419, 64.9270,
17.6081

■ 91.3420, 92.5839,
107.6640

■ 32.8801, 64.4456,
14.5745

■ 32.6562, 64.3456,
13.8656

Harmonies

Analogous

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



60.0818, 73.8520, 35.4766



52.6339, 73.8520, 50.5105



49.8252, 73.8520, 78.0332

Triad

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



52.6339, 73.8520, 50.5105



69.3584, 73.8520, 164.6796



92.2842, 73.8520, 53.6250

Complementary

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



52.6339, 73.8520, 50.5105



61.8104, 47.2207, 76.3808

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.



95.4722, 73.8520, 82.8392



52.6339, 73.8520, 50.5105



81.3818, 73.8520, 152.8447

Square

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



52.6339, 73.8520, 50.5105



58.7812, 73.8520, 149.1871



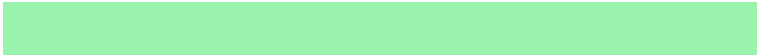
91.2809, 73.8520, 120.2604



82.9962, 73.8520, 36.8875

Rectangle

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



52.6339, 73.8520, 50.5105



50.6928, 73.8520, 102.1298



91.2809, 73.8520, 120.2604



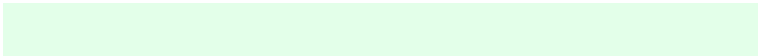
94.1475, 73.8520, 62.0148

Sweetspot

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



52.6358, 73.8551, 50.5122



82.1124, 93.7186, 90.7564



68.8545, 82.4121, 42.4160



17.2617, 19.9075, 18.9792



0.0000, 0.0000, 0.0000



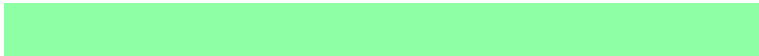
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6358, 73.8551, 50.5122



53.9807, 80.1129, 48.9290



57.5844, 75.8345, 76.5708



16.4253, 18.5293, 18.2581



17.9617, 35.3295, 7.8180



1.6148, 3.1196, 0.8772

Inverse Universe

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



61.8104, 47.2207, 76.3808



65.5006, 46.6322, 81.3824



56.5938, 45.1340, 48.9104



17.0550, 16.7049, 20.0363



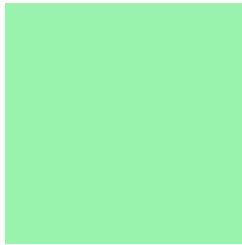
25.5410, 12.5598, 28.6211



2.2814, 1.1185, 2.7083

Previews

White Background



This preview shows how the XYZ color 52.6339, 73.8520, 50.5105 looks on a white background.

Color Contrast Check

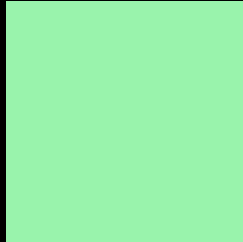
Large Text (above 18pt) WCAG AA × Fail

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 52.6339, 73.8520, 50.5105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

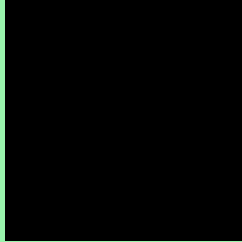
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6339, 73.8520, 50.5105

Background



This preview shows how black text looks on a background with the XYZ color 52.6339, 73.8520, 50.5105.



This preview shows how white text looks on a background with the XYZ color 52.6339, 73.8520,

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

52.6339, 73.8520, 50.5105

Protanopia

67.9920, 73.0640, 45.1695

Deuteranopia

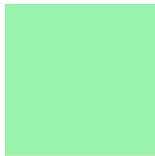
73.8338, 72.7720, 54.9547



Tritanopia

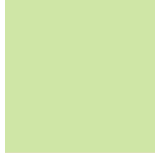
62.9137, 73.6779, 102.1721

Trichromacy



Original Color

52.6339, 73.8520, 50.5105



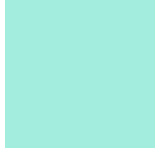
Protanomaly

60.9119, 72.6122, 46.8816



Deuteranomaly

63.9753, 72.0105, 53.1754



Tritanomaly

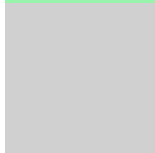
58.5733, 73.6288, 80.2319

Monochromacy



Original Color

52.6339, 73.8520, 50.5105



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.4458, 66.3444, 61.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6339, 73.8520, 50.5105 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(153, 243, 172)` looks like.

```
.text, #text, p{  
    color:rgb(153, 243, 172)  
}
```

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(153, 243, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 243, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.6339, 73.8520, 50.5105 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(153, 243, 172) }
```


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

```
.border{ border-color:rgb(153, 243, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 243, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 243, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 243, 172);  
box-shadow:4px 4px 4px 4px rgb(153, 243,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6339, 73.8520, 50.5105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 243, 172) }
```

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

```
.background{ background-color: rgb(153,  
243, 172) }
```

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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