

Converting Colors

XYZ(52.1963, 71.0086, 69.3475)

Have a look what the booklet for
XYZ(52.1963, 71.0086, 69.3475)
contains.

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Color

**XYZ(52.1963, 71.0086,
69.3475)**

Conversions

Conversions Part 1

Format	Color
Hex	8AEECE
RGB	138, 238, 206
RGB Percent	54%, 93%, 81%
CMY	0.4588, 0.0666, 0.1921
CMYK	0.42, 0.00, 0.13, 0.07
HSL	161°, 75%, 74%
HSV	161°, 42%, 93%
XYZ	52.1963, 71.0086, 69.3475
YIQ	204.4520, -49.3280, -31.1520

Conversions

Conversions Part 2

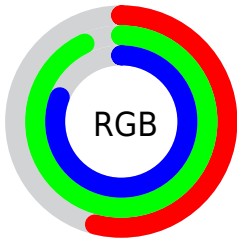
Format	Color
RYB	138, 198, 238
Decimal	9105102
CIELab	87.49, -36.62, 6.35
CIElCh	87, 37.168, 170.157
Yxy	71.0086, 0.2711, 0.3688
Android (android.graphics.Color)	4287295182 (0xFF8AEECE)
YUV	204.4520, 0.7632, -58.2784
Hunter-Lab	84.2666, -36.9003, 10.1937

Details

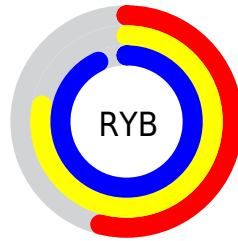
The XYZ color **52.1963, 71.0086, 69.3475** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.6064, 39.2581, 42.8904**, and the grayscale version is **57.6998, 60.7047, 66.1074**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **25.7888, 37.4722, 35.5794** is the 20% darker color. If you saturate the color by 10%, you get **47.7791, 68.8376, 64.4281**, and if you desaturate by 10%, it is **57.5250, 73.6480, 74.5467**.

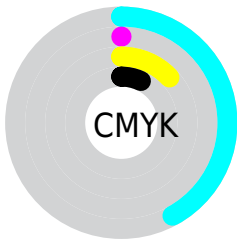
Distribution



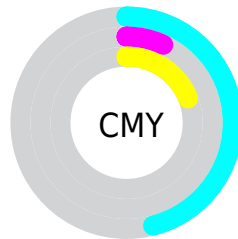
- Red (54%)
- Green (93%)
- Blue (81%)



- Red (54%)
- Yellow (78%)
- Blue (93%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)





- Cyan (46%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1963, 71.0086, 69.3475 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 52.1963, 71.0086, 69.3475 by changing the saturation by 10% instead.


 52.1963, 71.0086,
69.3475


 52.1963, 71.0086,
69.3475


385.5055,
464.0835, 476.9827

 37.3865, 52.3492,
50.5213


 92.5932, 120.6460,
119.9501

 25.6819, 37.2835,
35.4537


 118.9110,
152.3927, 152.5636

 16.7173, 25.4271,
23.7262


149.7954,
189.2708, 190.6099

 10.1272, 16.3955,
14.9203

185.6119,
231.6644, 234.5076

 5.5463, 9.8045,
8.6175

226.7258,
279.9582, 284.6752

 2.6092, 5.2695,
4.3991

273.5025,

 0.9507, 2.4062,

334.5363, 341.5312

1.8468

326.3073,
395.7833, 405.4942

0.0000, 0.8291,
0.4585

0.0000, 0.0000,
0.0000

52.1963, 71.0086,
69.3475

52.1963, 71.0086,
69.3475

47.7791, 68.8376,
64.4281

57.5250, 73.6480,
74.5467

44.2100, 67.0969,
59.7777


63.8118, 76.7741,
80.0266

41.4264, 65.7561,
55.3915


71.1069, 80.4148,
85.7941


39.3543, 64.7772,
51.2627

79.4553, 84.5931,
91.8544

 37.9047, 64.1142,
47.3836

 88.1579, 88.9485,
98.1779

 37.0830, 63.7545,
44.4585

 89.3392, 89.4210,
104.3990

 89.8658, 89.6316,
107.1719

Harmonies

Analogous

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



55.3490, 71.0086, 50.3081



52.1963, 71.0086, 69.3475



52.8605, 71.0086, 95.1901

Triad

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



52.1963, 71.0086, 69.3475



73.4738, 71.0086, 132.1216



78.8877, 71.0086, 45.8354

Complementary

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



52.1963, 71.0086, 69.3475



51.6064, 39.2581, 42.8904

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.



84.6002, 71.0086, 61.8329



52.1963, 71.0086, 69.3475



81.2915, 71.0086, 112.5872

Square

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



52.1963, 71.0086, 69.3475



64.6485, 71.0086, 135.3613



85.5161, 71.0086, 85.8733



70.4168, 71.0086, 38.8128

Rectangle

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



52.1963, 71.0086, 69.3475



55.4012, 71.0086, 112.8486



85.5161, 71.0086, 85.8733



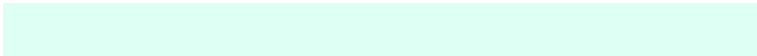
81.2241, 71.0086, 50.1556

Sweetspot

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



52.1983, 71.0115, 69.3491



82.2269, 93.5814, 99.6290



52.0314, 71.6825, 35.1395



17.1790, 19.8200, 21.0002



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.



52.1983, 71.0115, 69.3491



56.7499, 80.9356, 76.3817



51.8606, 63.4681, 90.4095



16.0196, 17.8379, 19.1262



20.7492, 35.5917, 25.1262



1.7713, 2.9789, 2.3278

Inverse Universe

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



51.6064, 39.2581, 42.8904



55.9902, 39.4067, 41.8490



51.5154, 43.3458, 29.6972



15.9812, 15.8422, 17.4575



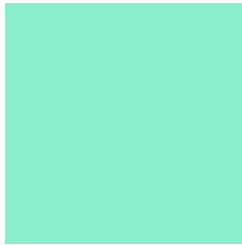
20.4546, 10.4543, 5.0443



1.7453, 0.8872, 0.6495

Previews

White Background



This preview shows how the XYZ color 52.1963, 71.0086, 69.3475 looks on a white background.

Color Contrast Check

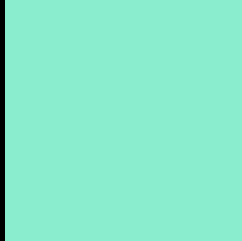
Large Text (above 18pt) WCAG AA × Fail

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 52.1963, 71.0086, 69.3475 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

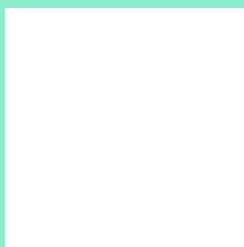
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1963, 71.0086, 69.3475

Background



This preview shows how black text looks on a background with the XYZ color 52.1963, 71.0086, 69.3475.

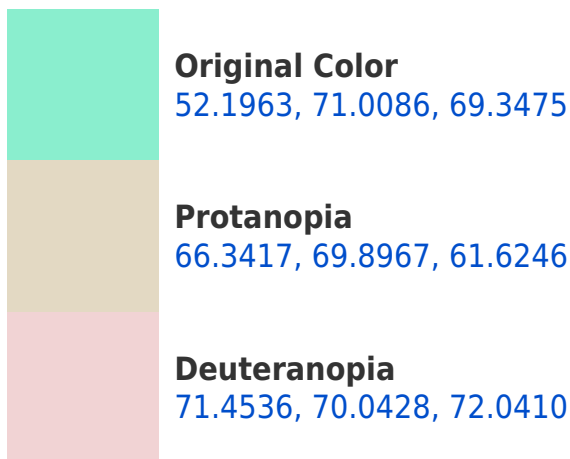


This preview shows how white text looks on a background with the XYZ color 52.1963, 71.0086,

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





Tritanopia

58.5064, 71.0049, 101.0642

Trichromacy



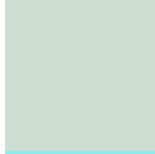
Original Color

52.1963, 71.0086, 69.3475



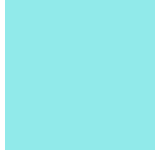
Protanomaly

59.7397, 69.5761, 64.3137



Deuteranomaly

62.3911, 69.2034, 71.0420



Tritanomaly

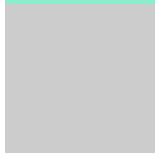
55.9512, 70.8059, 88.5599

Monochromacy



Original Color

52.1963, 71.0086, 69.3475



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.3977, 63.2228, 67.0938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1963, 71.0086, 69.3475 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(138, 238, 206)` looks like.

```
.text, #text, p{  
    color:rgb(138, 238, 206)  
}
```

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(138, 238, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 238, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.1963, 71.0086, 69.3475 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(138, 238, 206) }
```


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

```
.border{ border-color:rgb(138, 238, 206) }
```

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

Here you see how a box with a 4 pixel rgb(138, 238, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 238, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 238, 206);  
box-shadow:4px 4px 4px 4px rgb(138, 238,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1963, 71.0086, 69.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 238, 206) }
```

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

```
.background{ background-color: rgb(138,  
238, 206) }
```

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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