

Converting Colors

XYZ(52.0111, 71.1137, 60.2753)

Have a look what the booklet for
XYZ(52.0111, 71.1137, 60.2753)
contains.

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Color

**XYZ(52.0111, 71.1137,
60.2753)**

Conversions

Conversions Part 1

Format	Color
Hex	93EEBF
RGB	147, 238, 191
RGB Percent	58%, 93%, 75%
CMY	0.4235, 0.0666, 0.2510
CMYK	0.38, 0.00, 0.20, 0.07
HSL	149°, 73%, 75%
HSV	149°, 38%, 93%
XYZ	52.0111, 71.1137, 60.2753
YIQ	205.4330, -39.1490, -33.9090

Conversions

Conversions Part 2

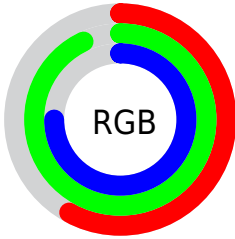
Format	Color
RYB	147, 208, 238
Decimal	9694911
CIELab	87.54, -37.33, 14.30
CIElCh	88, 39.971, 159.039
Yxy	71.1137, 0.2836, 0.3878
Android (android.graphics.Color)	4287884991 (0xFF93EEBF)
YUV	205.4330, -7.1155, -51.2457
Hunter-Lab	84.3289, -37.4832, 16.6519

Details

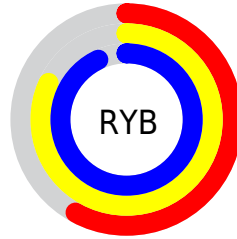
The XYZ color **52.0111, 71.1137, 60.2753** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.4335, 42.9412, 56.4084**, and the grayscale version is **58.3674, 61.4071, 66.8723**.

A 20% lighter version of the original color is **77.4503, 91.0728, 101.4924**, and **25.7290, 37.5662, 29.9397** is the 20% darker color. If you saturate the color by 10%, you get **46.8804, 68.6205, 53.2680**, and if you desaturate by 10%, it is **58.1421, 74.1133, 67.9252**.

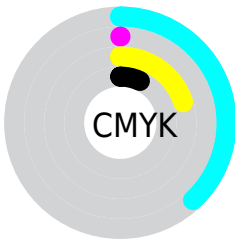
Distribution



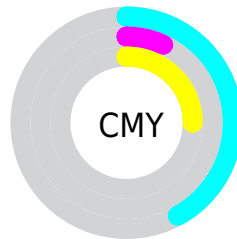
- Red (58%)
- Green (93%)
- Blue (75%)



- Red (58%)
- Yellow (82%)
- Blue (93%)



- Cyan (38%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)





- Cyan (42%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0111, 71.1137, 60.2753 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 52.0111, 71.1137, 60.2753 by changing the saturation by 10% instead.

 52.0111, 71.1137,
60.2753


 52.0111, 71.1137,
60.2753


384.8027,
464.4508, 443.4446

 37.2382, 52.4350,
43.2138


 92.3217, 120.7956,
106.7762

 25.5665, 37.3519,
29.7203


 118.5902,
152.5676, 137.0527

 16.6306, 25.4801,
19.3761

149.4213,
189.4728, 172.5713

 10.0651, 16.4351,
11.7628

185.1803,
231.8956, 213.7505

 5.5048, 9.8326,
6.4618

226.2326,
280.2204, 261.0089

 2.5841, 5.2881,
3.0546


272.9435,

 0.9379, 2.4173,


334.8316, 314.7650


1.1226


325.6784,
396.1136, 375.4374


 0.0000, 0.8347,
0.0000


 0.0000, 0.0000,
0.0000


 52.0111, 71.1137,
60.2753


 52.0111, 71.1137,
60.2753


 46.8804, 68.6205,
53.2680


 58.1421, 74.1133,
67.9252


 42.6866, 66.5955,
46.8814

 65.3205, 77.6375,
76.2295

 39.3677, 65.0091,
41.0989

 73.5971, 81.7142,
85.2053

 36.8515, 63.8244,
35.9017

 83.0178, 86.3666,
94.8681

■ 35.0530, 62.9979,
31.2691

■ 89.4605, 89.4696,
105.0376

■ 33.8537, 62.4689,
27.1787

■ 89.8659, 89.6317,
107.1720

■ 33.6747, 62.3913,
26.5105

Harmonies

Analogous

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



56.7858, 71.1137, 43.6510



52.0111, 71.1137, 60.2753



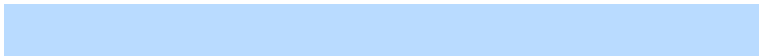
51.1956, 71.1137, 85.8933

Triad

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



52.0111, 71.1137, 60.2753



70.4851, 71.1137, 140.9919



82.7013, 71.1137, 49.0738

Complementary

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



52.0111, 71.1137, 60.2753



55.4335, 42.9412, 56.4084

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.



87.1600, 71.1137, 69.5431



52.0111, 71.1137, 60.2753



79.6876, 71.1137, 125.2618

Square

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



52.0111, 71.1137, 60.2753



61.3007, 71.1137, 136.8638



86.0086, 71.1137, 97.5667



74.2985, 71.1137, 38.3085

Rectangle

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



52.0111, 71.1137, 60.2753



52.9244, 71.1137, 105.5212



86.0086, 71.1137, 97.5667



84.7451, 71.1137, 54.8283

Sweetspot

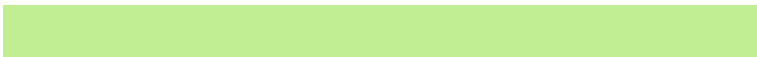
The Sweet Spot groups the original color and five complimentary colors.



52.0130, 71.1166, 60.2769



83.2272, 94.1645, 96.6267



58.0957, 74.7303, 38.9670



17.5263, 20.0133, 20.3728



0.0000, 0.0000, 0.0000



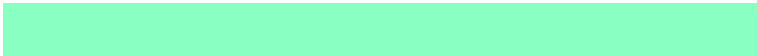
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0130, 71.1166, 60.2769



55.9760, 80.8114, 63.9316



57.8201, 73.4395, 90.8568



15.8843, 17.7837, 18.4137



18.8511, 34.8325, 15.1307



1.6183, 2.9178, 1.5224

Inverse Universe

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



55.4335, 42.9412, 56.4084



60.5115, 43.4414, 58.7943



51.0819, 41.2006, 33.4929



16.1137, 15.8952, 18.1549



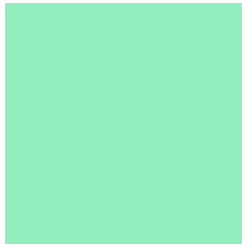
21.7292, 10.9641, 11.7567



1.8579, 0.9322, 1.2428

Previews

White Background



This preview shows how the XYZ color 52.0111, 71.1137, 60.2753 looks on a white background.

Color Contrast Check

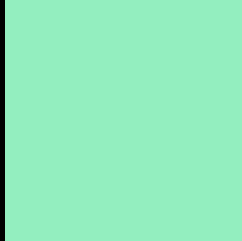
Large Text (above 18pt) WCAG AA × Fail

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 52.0111, 71.1137, 60.2753 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 52.0111, 71.1137, 60.2753

Background



This preview shows how black text looks on a background with the XYZ color 52.0111, 71.1137, 60.2753.



This preview shows how white text looks on a background with the XYZ color 52.0111, 71.1137, 60.2753.

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

52.0111, 71.1137, 60.2753

Protanopia

66.3669, 70.4679, 53.8198

Deuteranopia

71.4824, 69.8986, 62.5476



Tritanopia

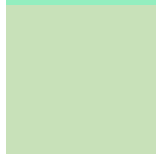
59.8929, 70.9068, 100.1522

Trichromacy



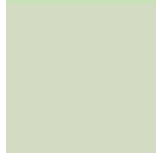
Original Color

52.0111, 71.1137, 60.2753



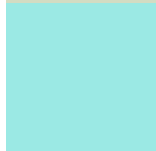
Protanomaly

59.5016, 69.6326, 56.2033



Deuteranomaly

62.3075, 68.9754, 61.6594



Tritanomaly

56.6601, 70.8478, 84.0875

Monochromacy



Original Color

52.0111, 71.1137, 60.2753



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.0053, 63.9862, 64.0951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0111, 71.1137, 60.2753 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(147, 238, 191)` looks like.

```
.text, #text, p{  
    color:rgb(147, 238, 191)  
}
```

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(147, 238, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 238, 191) }
```

Border

The CSS property to change the border of an element to XYZ 52.0111, 71.1137, 60.2753 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(147, 238, 191) }
```


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

```
.border{ border-color:rgb(147, 238, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 238, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 238, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 238, 191);  
box-shadow:4px 4px 4px 4px rgb(147, 238,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0111, 71.1137, 60.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 238, 191) }
```

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

```
.background{ background-color: rgb(147,  
238, 191) }
```

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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