

Converting Colors

XYZ(56.8546, 73.8803, 72.8831)

Have a look what the booklet for
XYZ(56.8546, 73.8803, 72.8831)
contains.

XYZ(56.7249, 73.7053, 72.8648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.7249, 73.7053,
72.8648)**

Conversions

Conversions Part 1

Format	Color
Hex	9EEFD3
RGB	158, 239, 211
RGB Percent	62%, 94%, 83%
CMY	0.3804, 0.0627, 0.1725
CMYK	0.34, 0.00, 0.12, 0.06
HSL	159°, 72%, 78%
HSV	159°, 34%, 94%
XYZ	56.7249, 73.7053, 72.8648
YIQ	211.5890, -39.2880, -25.8800

Conversions

Conversions Part 2

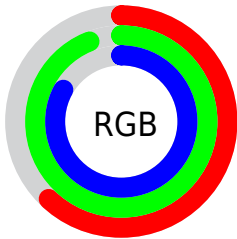
Format	Color
RYB	158, 207, 239
Decimal	10416083
CIELab	88.78, -30.68, 5.72
CIELCh	89, 31.213, 169.435
Yxy	73.7053, 0.2790, 0.3626
Android (android.graphics.Color)	4288606163 (0xFF9EEFD3)
YUV	211.5890, -0.2904, -46.9976
Hunter-Lab	85.8518, -32.3002, 9.7752

Details

The XYZ color **56.7249, 73.7053, 72.8648** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **56.6889, 46.3514, 52.4162**, and the grayscale version is **62.3287, 65.5747, 71.4108**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **28.6128, 39.1849, 37.9537** is the 20% darker color. If you saturate the color by 10%, you get **51.4641, 71.1118, 67.3506**, and if you desaturate by 10%, it is **62.9573, 76.7974, 78.7056**.

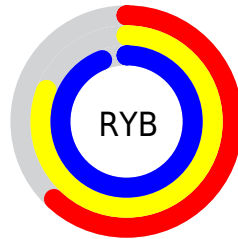
Distribution



Red (62%)

Green (94%)

Blue (83%)



Red (62%)

Yellow (81%)

Blue (94%)

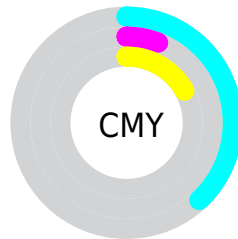


Cyan (34%)

Magenta (0%)

Yellow (12%)

Black (6%)



Cyan (38%)


Magenta (6%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7249, 73.7053, 72.8648 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 56.7249, 73.7053, 72.8648 by changing the saturation by 10% instead.


 56.7249, 73.7053,
72.8648


 56.7249, 73.7053,
72.8648


402.4485,
473.4556, 489.6043

 41.0237, 54.5529,
53.3743


 99.1973, 124.4780,
125.0044

 28.5253, 39.0438,
37.7119


 126.6993,
156.8670, 158.4905

 18.8645, 26.7938,
25.4590


158.8655,
194.4370, 197.4790

 11.6759, 17.4185,
16.1973

196.0614,
237.5724, 242.3882

 6.5940, 10.5333,
9.5080

238.6523,
286.6575, 293.6368

 3.2536, 5.7539,
4.9727


287.0036,


 1.2892, 2.6960,


342.0769, 351.6434


2.1728


341.4805,
404.2148, 416.8263

 0.1751, 0.9752,
0.6586


 0.0000, 0.0000,
0.0000

 56.7249, 73.7053,
72.8648


 56.7249, 73.7053,
72.8648


 51.4641, 71.1118,
67.3506


 62.9573, 76.7974,
78.7056


 47.1146, 68.9802,
62.1514

 70.2048, 80.4046,
84.8743

 43.6191, 67.2828,
57.2618

 78.5157, 84.5536,
91.3787

 40.9107, 65.9853,
52.6743

 87.9332, 89.2668,
98.2248

■ 38.9121, 65.0479,
48.3809

■ 89.7284, 90.0440,
105.0078

■ 37.5291, 64.4223,
44.3726

■ 90.1579, 90.2157,
107.2693

■ 36.9008, 64.1489,
42.0584

Harmonies

Analogous

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



59.5904, 73.7053, 56.1277



56.7249, 73.7053, 72.8648



57.2314, 73.7053, 94.9037

Triad

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



56.7249, 73.7053, 72.8648



74.9993, 73.7053, 126.2161



79.9307, 73.7053, 52.6195

Complementary

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



56.7249, 73.7053, 72.8648



56.6889, 46.3514, 52.4162

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.



84.6631, 73.7053, 67.1927



56.7249, 73.7053, 72.8648



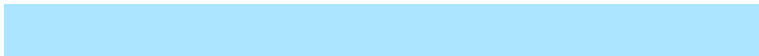
81.6775, 73.7053, 110.4559

Square

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



56.7249, 73.7053, 72.8648



67.4252, 73.7053, 128.4811



85.3244, 73.7053, 88.1235



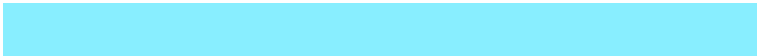
72.7516, 73.7053, 45.9137

Rectangle

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



56.7249, 73.7053, 72.8648



59.4252, 73.7053, 109.6798



85.3244, 73.7053, 88.1235



81.8817, 73.7053, 56.6245

Sweetspot

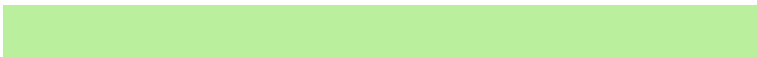
The Sweet Spot groups the original color and five complimentary colors.



56.7270, 73.7083, 72.8665



84.8958, 94.9255, 101.1853



57.3752, 74.6878, 43.7410



17.8876, 20.1765, 21.4326



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.



56.7270, 73.7083, 72.8665



61.1880, 83.1537, 79.7442



57.1109, 68.3601, 91.8497



16.0017, 17.8307, 19.0320



20.4555, 35.4742, 23.5794



1.7484, 2.9698, 2.2072

Inverse Universe

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



56.6889, 46.3514, 52.4162



61.1445, 46.7871, 52.5940



56.1733, 49.6270, 38.9671



15.9984, 15.8491, 17.5476



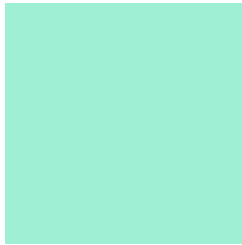
20.5819, 10.5052, 5.7149



1.7574, 0.8920, 0.7134

Previews

White Background



This preview shows how the XYZ color 56.7249, 73.7053, 72.8648 looks on a white background.

Color Contrast Check

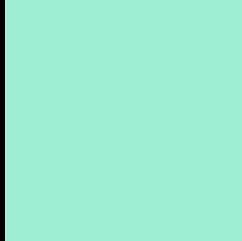
Large Text (above 18pt) WCAG AA × Fail

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 56.7249, 73.7053, 72.8648 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

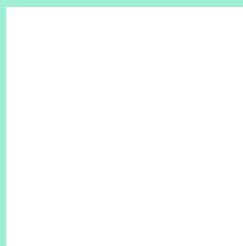
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7249, 73.7053, 72.8648

Background



This preview shows how black text looks on a background with the XYZ color 56.7249, 73.7053, 72.8648.



This preview shows how white text looks on a background with the XYZ color 56.7249, 73.7053,

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

56.7249, 73.7053, 72.8648

Protanopia

69.3541, 72.9189, 65.6777

Deuteranopia

74.3513, 72.9712, 75.1319



Tritanopia

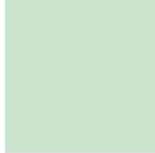
62.6460, 73.5216, 102.9848

Trichromacy



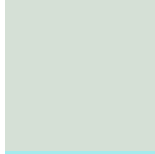
Original Color

56.7249, 73.7053, 72.8648



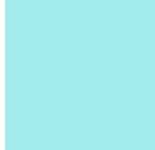
Protanomaly

63.6647, 72.7320, 68.4408



Deuteranomaly

66.2338, 72.3125, 74.0851



Tritanomaly

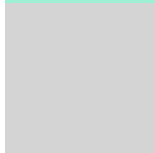
60.3042, 73.4236, 91.1146

Monochromacy



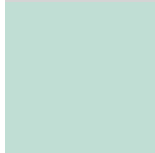
Original Color

56.7249, 73.7053, 72.8648



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.7432, 68.2025, 72.3030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7249, 73.7053, 72.8648 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(158, 239, 211)` looks like.

```
.text, #text, p{  
    color:rgb(158, 239, 211)  
}
```

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(158, 239, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 239, 211) }
```

Border

The CSS property to change the border of an element to XYZ 56.7249, 73.7053, 72.8648 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(158, 239, 211) }
```


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

```
.border{ border-color:rgb(158, 239, 211) }
```

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

Here you see how a box with a 4 pixel rgb(158, 239, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 239, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 239, 211);  
box-shadow:4px 4px 4px 4px rgb(158, 239,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7249, 73.7053, 72.8648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 239, 211) }
```

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

```
.background{ background-color: rgb(158,  
239, 211) }
```

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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