

Converting Colors

XYZ(53.1100, 73.2968, 66.6068)

Have a look what the booklet for
XYZ(53.1100, 73.2968, 66.6068)
contains.

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Color

**XYZ(53.1100, 73.2968,
66.6068)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF2C9
RGB	140, 242, 201
RGB Percent	55%, 95%, 79%
CMY	0.4510, 0.0510, 0.2118
CMYK	0.42, 0.00, 0.17, 0.05
HSL	156°, 80%, 75%
HSV	156°, 42%, 95%
XYZ	53.1100, 73.2968, 66.6068
YIQ	206.8280, -47.6310, -34.3750

Conversions

Conversions Part 2

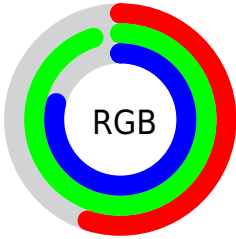
Format	Color
RYB	140, 204, 242
Decimal	9237193
CIELab	88.59, -38.99, 10.55
CIELCh	89, 40.388, 164.862
Yxy	73.2968, 0.2752, 0.3797
Android (android.graphics.Color)	4287427273 (0xFF8CF2C9)
YUV	206.8280, -2.8732, -58.6082
Hunter-Lab	85.6136, -39.0920, 13.8022

Details

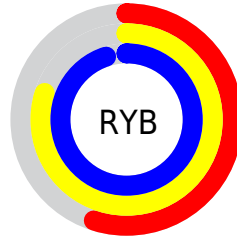
The XYZ color **53.1100, 73.2968, 66.6068** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **54.3391, 40.9715, 48.7634**, and the grayscale version is **59.2390, 62.3241, 67.8709**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **26.1827, 38.6435, 33.6827** is the 20% darker color. If you saturate the color by 10%, you get **48.3638, 70.9801, 60.5998**, and if you desaturate by 10%, it is **58.8294, 76.1107, 73.0409**.

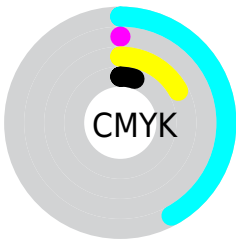
Distribution



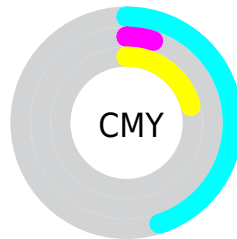
- Red (55%)
- Green (95%)
- Blue (79%)



- Red (55%)
- Yellow (80%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)





- Cyan (45%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1100, 73.2968, 66.6068 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 53.1100, 73.2968, 66.6068 by changing the saturation by 10% instead.


 53.1100, 73.2968,
66.6068


 53.1100, 73.2968,
66.6068


388.9610,
472.0428, 467.0072

 38.1184, 54.2187,
48.3056


 93.9308, 123.8985,
115.9921

 26.2522, 38.7765,
33.7072


 120.4907,
156.1908, 147.9133

 17.1461, 26.5859,
22.3932


151.6374,
193.6567, 185.2115

 10.4347, 17.2625,
13.9451

187.7364,
236.6805, 228.3053

 5.7526, 10.4218,
7.9441

229.1528,
285.6466, 277.6132

 2.7344, 5.6795,
3.9720


276.2522,

 1.0149, 2.6512,


340.9394, 333.5538


1.6100


329.3998,
402.9434, 396.5456


 0.0000, 0.9525,
0.2979


 0.0000, 0.0000,
0.0000


 53.1100, 73.2968,
66.6068

 53.1100, 73.2968,
66.6068


 48.3638, 70.9801,
60.5998

 58.8294, 76.1107,
73.0409


 44.5241, 69.1204,
55.0051


 65.5712, 79.4413,
79.9064


 41.5247, 67.6860,
49.8141


 73.3885, 83.3176,
87.2140

 39.2877, 66.6367,
45.0156

 82.3288, 87.7640,
94.9723

 37.7192, 65.9242,
40.5978

 90.1927, 91.6466,
103.0847

 36.8430, 65.5427,
37.3856

 91.0435, 91.9869,
107.5645

Harmonies

Analogous

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



57.2755, 73.2968, 47.5129



53.1100, 73.2968, 66.6068



53.0905, 73.2968, 94.3670

Triad

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



53.1100, 73.2968, 66.6068



74.5801, 73.2968, 143.6688



83.7990, 73.2968, 47.6425

Complementary

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



53.1100, 73.2968, 66.6068



54.3391, 40.9715, 48.7634

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.



89.3766, 73.2968, 66.8287



53.1100, 73.2968, 66.6068



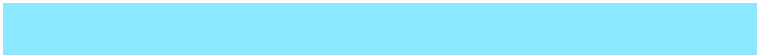
83.7267, 73.2968, 124.1712

Square

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



53.1100, 73.2968, 66.6068



64.8901, 73.2968, 143.5696



89.3490, 73.2968, 94.6469



74.6715, 73.2968, 38.4288

Rectangle

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



53.1100, 73.2968, 66.6068



55.4043, 73.2968, 114.5511



89.3490, 73.2968, 94.6469



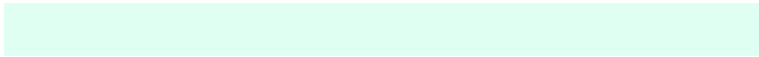
86.1874, 73.2968, 52.9127

Sweetspot

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



53.1120, 73.2998, 66.6085



81.8164, 93.4172, 97.4673



55.8979, 75.4070, 36.4210



17.0773, 19.7793, 20.4650



0.0000, 0.0000, 0.0000



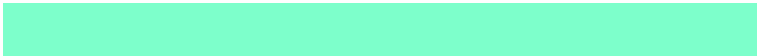
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1120, 73.2998, 66.6085



54.9566, 80.1748, 68.9054



56.1253, 70.5506, 94.6674



15.9627, 17.8151, 18.8267



19.8609, 35.2364, 20.4483



1.7013, 2.9510, 1.9594

Inverse Universe

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



54.3391, 40.9715, 48.7634



56.5258, 39.0980, 46.2814



52.0223, 42.1096, 30.1982



16.0361, 15.8641, 17.7462



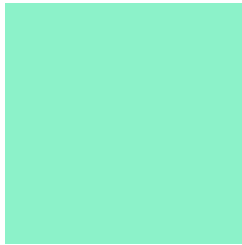
20.9009, 10.6328, 7.3947



1.7867, 0.9037, 0.8675

Previews

White Background



This preview shows how the XYZ color 53.1100, 73.2968, 66.6068 looks on a white background.

Color Contrast Check

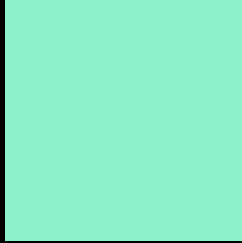
Large Text (above 18pt) WCAG AA × Fail

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 53.1100, 73.2968, 66.6068 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 53.1100, 73.2968, 66.6068

Background



This preview shows how black text looks on a background with the XYZ color 53.1100, 73.2968, 66.6068.

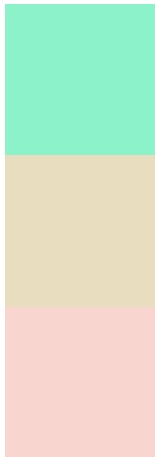


This preview shows how white text looks on a background with the XYZ color 53.1100, 73.2968, 66.6068.

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

53.1100, 73.2968, 66.6068

Protanopia

68.4294, 72.5864, 59.1192

Deuteranopia

73.7681, 72.0500, 69.0505



Tritanopia

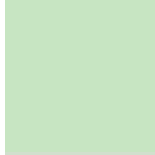
60.7346, 73.3447, 104.7218

Trichromacy



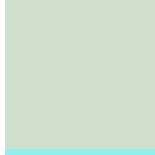
Original Color

53.1100, 73.2968, 66.6068



Protanomaly

61.3101, 72.0758, 61.7196



Deuteranomaly

63.9696, 71.2744, 68.1434



Tritanomaly

57.7827, 73.4431, 89.7277

Monochromacy



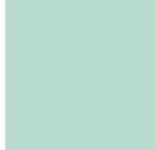
Original Color

53.1100, 73.2968, 66.6068



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.1411, 65.6615, 67.4726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1100, 73.2968, 66.6068 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(140, 242, 201)` looks like.

```
.text, #text, p{  
    color:rgb(140, 242, 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(140, 242, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 242, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.1100, 73.2968, 66.6068 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(140, 242, 201) }
```


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

```
.border{ border-color:rgb(140, 242, 201) }
```

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

Here you see how a box with a 4 pixel rgb(140, 242, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 242, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 242, 201);  
box-shadow:4px 4px 4px 4px rgb(140, 242,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1100, 73.2968, 66.6068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 242, 201) }
```

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

```
.background{ background-color: rgb(140,  
242, 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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