

Converting Colors

XYZ(51.6726, 71.8485, 62.2062)

Have a look what the booklet for
XYZ(51.6726, 71.8485, 62.2062)
contains.

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Color

**XYZ(51.5452, 71.7042,
62.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	8BF0C2
RGB	139, 240, 194
RGB Percent	55%, 94%, 76%
CMY	0.4549, 0.0588, 0.2392
CMYK	0.42, 0.00, 0.19, 0.06
HSL	153°, 77%, 74%
HSV	153°, 42%, 94%
XYZ	51.5452, 71.7042, 62.1625
YIQ	204.5570, -45.4300, -35.7180

Conversions

Conversions Part 2

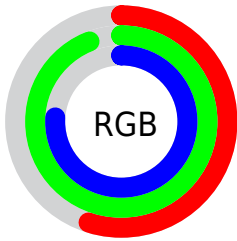
Format	Color
RYB	139, 204, 240
Decimal	9171138
CIELab	87.83, -39.78, 13.10
CIELCh	88, 41.883, 161.780
Yxy	71.7042, 0.2780, 0.3867
Android (android.graphics.Color)	4287361218 (0xFF8BF0C2)
YUV	204.5570, -5.2046, -57.4935
Hunter-Lab	84.6783, -39.5310, 15.7499

Details

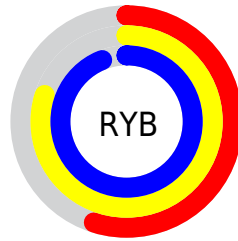
The XYZ color **51.5452, 71.7042, 62.1625** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **53.9272, 40.4951, 50.8760**, and the grayscale version is **57.8013, 60.8115, 66.2237**.

A 20% lighter version of the original color is **75.9375, 90.2208, 104.6788**, and **25.1468, 37.5543, 30.7343** is the 20% darker color. If you saturate the color by 10%, you get **46.7865, 69.3896, 55.7659**, and if you desaturate by 10%, it is **57.2777, 74.5142, 69.0792**.

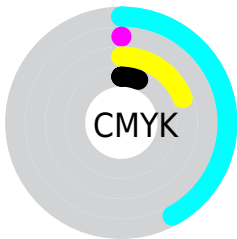
Distribution



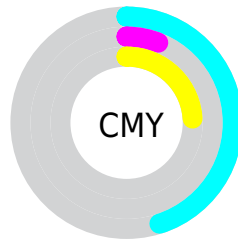
- Red (55%)
- Green (94%)
- Blue (76%)



- Red (55%)
- Yellow (80%)
- Blue (94%)



- Cyan (42%)
- Magenta (0%)
- Yellow (19%)
- Black (6%)





- Cyan (45%)
- Magenta (6%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5452, 71.7042, 62.1625 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 51.5452, 71.7042, 62.1625 by changing the saturation by 10% instead.


 51.5452, 71.7042,
62.1625


 51.5452, 71.7042,
62.1625


383.0312,
466.5114, 450.5476

 36.8655, 52.9171,
44.7274


 91.6384, 121.6359,
109.5342

 25.2766, 37.7366,
30.9014


 117.7825,
153.5492, 140.3079

 16.4131, 25.7783,
20.2659


148.4789,
190.6068, 176.3649

 9.9096, 16.6579,
12.4025

184.0928,
233.1929, 218.1236

 5.4009, 9.9909,
6.8926

224.9897,
281.6921, 266.0027

 2.5215, 5.3929,
3.3176


271.5348,

 0.9061, 2.4796,


336.4886, 320.4208


1.2590


324.0935,
397.9669, 381.7962


 0.0000, 0.8664,
0.0278


 0.0000, 0.0000,
0.0000


 51.5452, 71.7042,
62.1625


 51.5452, 71.7042,
62.1625

 46.7865, 69.3896,
55.7659


 57.2777, 74.5142,
69.0792


 42.9358, 67.5309,
49.8718


 64.0330, 77.8389,
76.5235


 39.9276, 66.0967,
44.4680


 71.8635, 81.7071,
84.5089


 37.6850, 65.0473,
39.5403

 80.8164, 86.1428,
93.0467

 36.1154, 64.3354,
35.0731

 89.4470, 90.4010,
102.0783

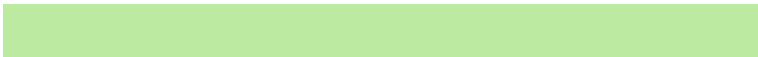
 35.2372, 63.9531,
31.8502

 90.4514, 90.8028,
107.3671

Harmonies

Analogous

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



56.1822, 71.7042, 43.9239



51.5452, 71.7042, 62.1625



51.0848, 71.7042, 89.8045

Triad

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



51.5452, 71.7042, 62.1625



72.1343, 71.7042, 144.9448



83.4405, 71.7042, 46.9577

Complementary

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



51.5452, 71.7042, 62.1625



53.9272, 40.4951, 50.8760

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.



88.6529, 71.7042, 67.4117



51.5452, 71.7042, 62.1625



81.7131, 71.7042, 126.4830

Square

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



51.5452, 71.7042, 62.1625



62.3433, 71.7042, 142.5514



87.9916, 71.7042, 96.4917



74.3122, 71.7042, 36.7321

Rectangle

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



51.5452, 71.7042, 62.1625



53.1465, 71.7042, 110.6372



87.9916, 71.7042, 96.4917



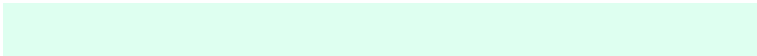
85.7469, 71.7042, 52.6228

Sweetspot

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



51.5472, 71.7071, 62.1641



81.5518, 93.3113, 96.0740



56.1048, 74.6432, 35.8777



17.0120, 19.7532, 20.1207



0.0000, 0.0000, 0.0000



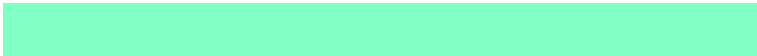
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5472, 71.7071, 62.1641



54.6569, 80.0985, 65.3602



56.5562, 72.1395, 93.3850



15.9260, 17.8004, 18.6330



19.3566, 35.0347, 17.7929



1.6604, 2.9346, 1.7443

Inverse Universe

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



53.9272, 40.4951, 50.8760



57.7115, 40.0952, 50.9133



50.3252, 39.8464, 29.4659



16.0722, 15.8786, 17.9363



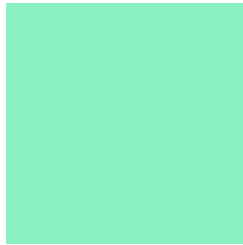
21.2570, 10.7752, 9.2697



1.8180, 0.9162, 1.0322

Previews

White Background



This preview shows how the XYZ color 51.5452, 71.7042, 62.1625 looks on a white background.

Color Contrast Check

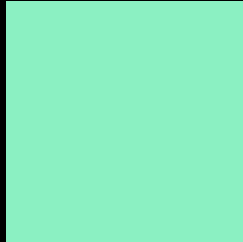
Large Text (above 18pt) WCAG AA × Fail

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 51.5452, 71.7042, 62.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

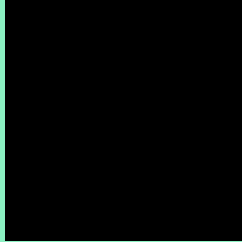
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5452, 71.7042, 62.1625

Background



This preview shows how black text looks on a background with the XYZ color 51.5452, 71.7042, 62.1625.

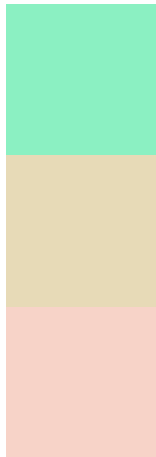


This preview shows how white text looks on a background with the XYZ color 51.5452, 71.7042,

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

51.5452, 71.7042, 62.1625

Protanopia

66.5736, 70.5506, 54.9086

Deuteranopia

72.0774, 70.5328, 64.4589



Tritanopia

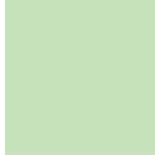
59.4061, 71.4506, 101.9271

Trichromacy



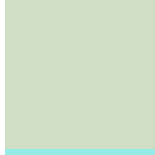
Original Color

51.5452, 71.7042, 62.1625



Protanomaly

59.4547, 69.9863, 57.3888



Deuteranomaly

62.3267, 69.7297, 63.6003



Tritanomaly

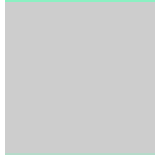
56.2040, 71.4257, 85.6872

Monochromacy



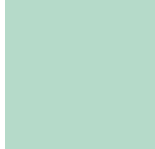
Original Color

51.5452, 71.7042, 62.1625



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.6701, 64.1836, 64.7656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5452, 71.7042, 62.1625 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(139, 240, 194)` looks like.

```
.text, #text, p{  
    color:rgb(139, 240, 194)  
}
```

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(139, 240, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 240, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.5452, 71.7042, 62.1625 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(139, 240, 194) }
```


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

```
.border{ border-color:rgb(139, 240, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 240, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 240, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 240, 194);  
box-shadow:4px 4px 4px 4px rgb(139, 240,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5452, 71.7042, 62.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 240, 194) }
```

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

```
.background{ background-color: rgb(139,  
240, 194) }
```

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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