

Converting Colors

XYZ(52.3208, 75.3739, 62.0902)

Have a look what the booklet for
XYZ(52.3208, 75.3739, 62.0902)
contains.

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Color

**XYZ(52.2465, 75.1971,
62.2129)**

Conversions

Conversions Part 1

Format	Color
Hex	83F7C1
RGB	131, 247, 193
RGB Percent	51%, 97%, 76%
CMY	0.4863, 0.0314, 0.2431
CMYK	0.47, 0.00, 0.22, 0.03
HSL	152°, 88%, 74%
HSV	152°, 47%, 97%
XYZ	52.2465, 75.1971, 62.2129
YIQ	206.1600, -51.8020, -41.3860

Conversions

Conversions Part 2

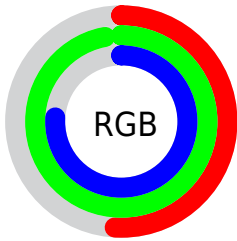
Format	Color
RYB	131, 207, 247
Decimal	8648641
CIELab	89.49, -45.09, 15.91
CIElCh	89, 47.819, 160.565
Yxy	75.1971, 0.2755, 0.3965
Android (android.graphics.Color)	4286838721 (0xFF83F7C1)
YUV	206.1600, -6.4879, -65.9153
Hunter-Lab	86.7163, -44.2073, 18.1649

Details

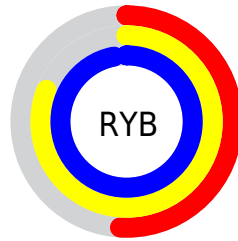
The XYZ color **52.2465, 75.1971, 62.2129** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.2336, 39.5114, 50.6172**, and the grayscale version is **58.8344, 61.8984, 67.4073**.

A 20% lighter version of the original color is **74.0016, 89.2409, 103.7674**, and **25.6722, 40.0306, 30.7997** is the 20% darker color. If you saturate the color by 10%, you get **47.6342, 72.9639, 55.5602**, and if you desaturate by 10%, it is **57.8744, 77.9463, 69.4371**.

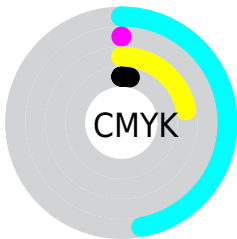
Distribution



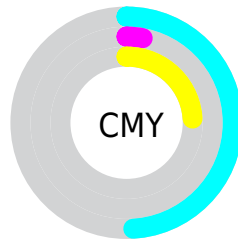
- Red (51%)
- Green (97%)
- Blue (76%)



- Red (51%)
- Yellow (81%)
- Blue (97%)



- Cyan (47%)
- Magenta (0%)
- Yellow (22%)
- Black (3%)




- Cyan (49%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2465, 75.1971, 62.2129 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 52.2465, 75.1971, 62.2129 by changing the saturation by 10% instead.


 52.2465, 75.1971,
62.2129


 52.2465, 75.1971,
62.2129


385.6958,
478.5948, 450.7363


 37.4267, 55.7744,
44.7678


 92.6667, 126.5913,
109.6078

 25.7132, 40.0221,
30.9330


 118.9979,
159.3316, 140.3946

 16.7408, 27.5557,
20.2898


 149.8968,
197.2799, 176.4659

 10.1440, 17.9910,
12.4197

185.7289,
240.8205, 218.2400

 5.5575, 10.9436,
6.9042

226.8594,
290.3380, 266.1356

 2.6160, 6.0289,
3.3247

273.6539,

 0.9541, 2.8627,

346.2165, 320.5711

1.2627

326.4776,
408.8407, 381.9652

■ 0.0000, 1.0605,
0.0310

■ 0.0000, 0.0000,
0.0000

■ 52.2465, 75.1971,
62.2129

■ 52.2465, 75.1971,
62.2129

■ 47.6342, 72.9639,
55.5602

■ 57.8744, 77.9463,
69.4371

■ 43.9634, 71.2028,
49.4588


■ 64.5733, 81.2340,
77.2420


■ 41.1591, 69.8773,
43.8948


■ 72.4018, 85.0919,
85.6428


■ 39.1311, 68.9414,
38.8512

■ 81.4122, 89.5468,
94.6528

 37.7651, 68.3363,
34.3094

 91.6536, 94.6238,
104.2846

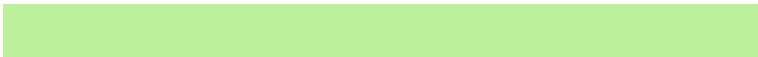
 37.4281, 68.1907,
33.0251

 92.5521, 95.0043,
108.0674

Harmonies

Analogous

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



57.7880, 75.1971, 41.9624



52.2465, 75.1971, 62.2129



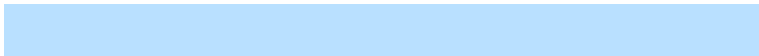
51.5174, 75.1971, 94.2980

Triad

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



52.2465, 75.1971, 62.2129



75.6874, 75.1971, 163.1879



90.0085, 75.1971, 46.6500

Complementary

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



52.2465, 75.1971, 62.2129



55.2336, 39.5114, 50.6172

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.



96.0116, 75.1971, 70.5974



52.2465, 75.1971, 62.2129



87.1631, 75.1971, 141.3900

Square

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



52.2465, 75.1971, 62.2129



64.2287, 75.1971, 159.1278



94.9168, 75.1971, 105.3008



79.2416, 75.1971, 34.8267

Rectangle

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



52.2465, 75.1971, 62.2129



53.7608, 75.1971, 119.3046



94.9168, 75.1971, 105.3008



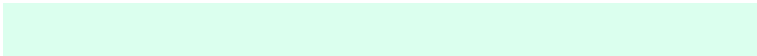
92.7011, 75.1971, 53.2309

Sweetspot

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



52.2485, 75.2001, 62.2146



80.5524, 92.8221, 94.8532



57.3997, 78.4944, 33.5994



16.8122, 19.6557, 19.8640



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.



52.2485, 75.2001, 62.2146



51.6011, 78.6313, 60.3303



58.2416, 75.7249, 99.5460



16.6525, 18.6201, 19.4542



19.8662, 36.0913, 17.8472



1.7980, 3.1928, 1.8419

Inverse Universe

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



55.2336, 39.5114, 50.6172



55.1604, 36.1342, 46.5445



51.1021, 38.7053, 26.2513



16.8201, 16.6109, 18.7995



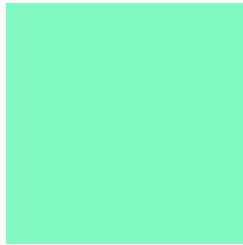
21.9925, 11.1405, 9.9351



1.9843, 0.9997, 1.1438

Previews

White Background



This preview shows how the XYZ color 52.2465, 75.1971, 62.2129 looks on a white background.

Color Contrast Check

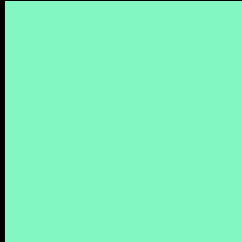
Large Text (above 18pt) WCAG AA × Fail

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 52.2465, 75.1971, 62.2129 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 52.2465, 75.1971, 62.2129

Background



This preview shows how black text looks on a background with the XYZ color 52.2465, 75.1971, 62.2129.



This preview shows how white text looks on a background with the XYZ color 52.2465, 75.1971, 62.2129.

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

52.2465, 75.1971, 62.2129

Protanopia

69.6532, 74.1161, 54.3508

Deuteranopia

75.5988, 73.8418, 64.9120



Tritanopia

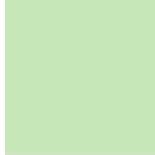
62.0445, 74.8563, 105.7864

Trichromacy



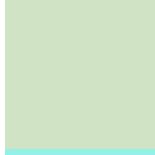
Original Color

52.2465, 75.1971, 62.2129



Protanomaly

60.9023, 73.2218, 56.8223



Deuteranomaly

63.8416, 72.5247, 63.4572



Tritanomaly

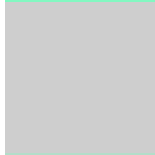
58.0534, 74.9398, 87.7490

Monochromacy



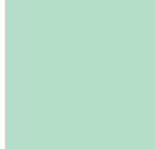
Original Color

52.2465, 75.1971, 62.2129



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.9895, 65.5137, 65.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2465, 75.1971, 62.2129 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(131, 247, 193)` looks like.

```
.text, #text, p{  
    color:rgb(131, 247, 193)  
}
```

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(131, 247, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 247, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.2465, 75.1971, 62.2129 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(131, 247, 193) }
```


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

```
.border{ border-color:rgb(131, 247, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 247, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 247, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 247, 193); box-shadow:4px 4px 4px 4px rgb(131, 247, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2465, 75.1971, 62.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 247, 193) }
```

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

```
.background{ background-color: rgb(131,  
247, 193) }
```

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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