

Converting Colors

XYZ(52.6780, 75.8937, 62.0956)

Have a look what the booklet for
XYZ(52.6780, 75.8937, 62.0956)
contains.

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Color

**XYZ(52.7088, 75.8906,
62.3224)**

Conversions

Conversions Part 1

Format	Color
Hex	84F8C1
RGB	132, 248, 193
RGB Percent	52%, 97%, 76%
CMY	0.4823, 0.0274, 0.2431
CMYK	0.47, 0.00, 0.22, 0.03
HSL	152°, 89%, 75%
HSV	152°, 47%, 97%
XYZ	52.7088, 75.8906, 62.3224
YIQ	207.0460, -51.4810, -41.6970

Conversions

Conversions Part 2

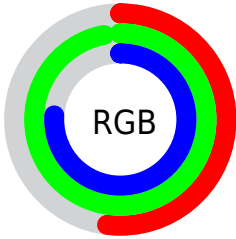
Format	Color
RYB	132, 208, 248
Decimal	8714433
CIELab	89.81, -45.28, 16.37
CIELCh	90, 48.151, 160.123
Yxy	75.8906, 0.2761, 0.3975
Android (android.graphics.Color)	4286904513 (0xFF84F8C1)
YUV	207.0460, -6.9247, -65.8153
Hunter-Lab	87.1152, -44.4507, 18.5645

Details

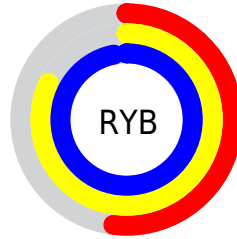
The XYZ color **52.7088, 75.8906, 62.3224** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.9349, 40.0487, 51.7988**, and the grayscale version is **59.4065, 62.5003, 68.0628**.

A 20% lighter version of the original color is **74.2505, 89.3693, 103.7791**, and **26.0387, 40.5422, 30.8791** is the 20% darker color. If you saturate the color by 10%, you get **48.0220, 73.6221, 55.5264**, and if you desaturate by 10%, it is **58.4257, 78.6822, 69.7145**.

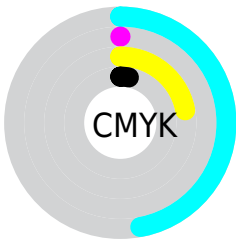
Distribution



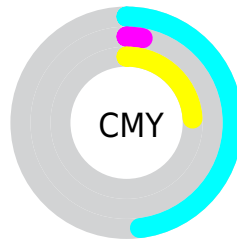
- Red (52%)
- Green (97%)
- Blue (76%)



- Red (52%)
- Yellow (82%)
- Blue (97%)



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





- Cyan (48%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7088, 75.8906, 62.3224 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 52.7088, 75.8906, 62.3224 by changing the saturation by 10% instead.


 52.7088, 75.8906,
62.3224

 52.7088, 75.8906,
62.3224


387.4461,
480.9731, 451.1462


 37.7969, 56.3428,
44.8558


 93.3438, 127.5723,
109.7675

 26.0016, 40.4778,
31.0017


 119.7976,
160.4749, 140.5830

 16.9575, 27.9113,
20.3417


 150.8294,
198.5980, 176.6852

 10.2993, 18.2588,
12.4571

186.8046,
242.3258, 218.4928

 5.6617, 11.1360,
6.9295

228.0885,
292.0429, 266.4241

 2.6791, 6.1584,
3.3403

275.0465,

 0.9865, 2.9416,

348.1335, 320.8977

1.2709

328.0439,
410.9821, 382.3323

■ 0.0000, 1.1013,
0.0378

■ 0.0000, 0.0000,
0.0000

■ 52.7088, 75.8906,
62.3224

■ 52.7088, 75.8906,
62.3224

■ 48.0220, 73.6221,
55.5264

■ 58.4257, 78.6822,
69.7145

■ 44.2905, 71.8322,
49.3053


■ 65.2289, 82.0193,
77.7125


■ 41.4385, 70.4843,
43.6444


■ 73.1773, 85.9343,
86.3327


■ 39.3752, 69.5319,
38.5257

■ 82.3239, 90.4542,
95.5888

 37.9864, 68.9162,
33.9298

 92.3475, 95.4130,
105.4771

 37.6258, 68.7604,
32.5536

 92.8588, 95.6175,
108.1696

Harmonies

Analogous

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



58.3875, 75.8906, 42.0182



52.7088, 75.8906, 62.3224



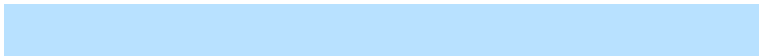
51.8974, 75.8906, 94.6746

Triad

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



52.7088, 75.8906, 62.3224



76.2225, 75.8906, 165.2307



91.0499, 75.8906, 47.2314

Complementary

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



52.7088, 75.8906, 62.3224



55.9349, 40.0487, 51.7988

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.



97.0413, 75.8906, 71.6565



52.7088, 75.8906, 62.3224



87.8794, 75.8906, 143.4417

Square

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



52.7088, 75.8906, 62.3224



64.6395, 75.8906, 160.7028



95.8212, 75.8906, 106.9343



80.1816, 75.8906, 35.1089

Rectangle

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



52.7088, 75.8906, 62.3224



54.1203, 75.8906, 120.0114



95.8212, 75.8906, 106.9343



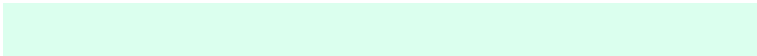
93.7524, 75.8906, 53.9522

Sweetspot

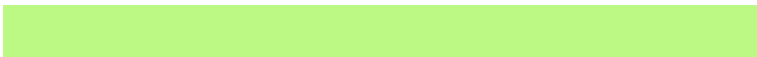
The Sweet Spot groups the original color and five complimentary colors.



52.7108, 75.8937, 62.3241



80.5071, 92.8040, 94.6148



58.4902, 79.5039, 34.0939



16.8012, 19.6513, 19.8059



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.



52.7108, 75.8937, 62.3241



51.4684, 78.5782, 59.6317



59.4376, 77.6382, 100.6635



17.3987, 19.4618, 20.3003



20.3962, 37.1715, 17.9613



1.9426, 3.4642, 1.9458

Inverse Universe

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



55.9349, 40.0487, 51.7988



55.2852, 36.1841, 47.2018



51.3944, 38.6559, 26.5834



17.5873, 17.3623, 19.6823



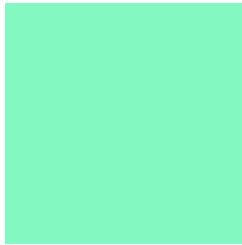
22.7350, 11.5097, 10.5789



2.1588, 1.0873, 1.2597

Previews

White Background



This preview shows how the XYZ color 52.7088, 75.8906, 62.3224 looks on a white background.

Color Contrast Check

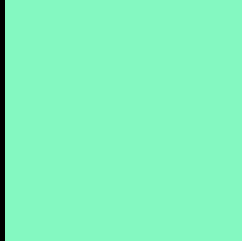
Large Text (above 18pt) WCAG AA × Fail

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 52.7088, 75.8906, 62.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

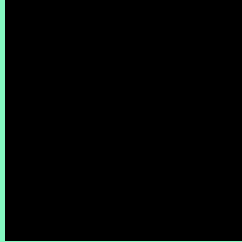
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7088, 75.8906, 62.3224

Background



This preview shows how black text looks on a background with the XYZ color 52.7088, 75.8906, 62.3224.



This preview shows how white text looks on a background with the XYZ color 52.7088, 75.8906,

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

52.7088, 75.8906, 62.3224

Protanopia

70.2560, 74.8246, 54.4558

Deuteranopia

76.2212, 74.5419, 65.0143



Tritanopia

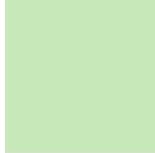
62.9226, 75.7400, 105.9107

Trichromacy



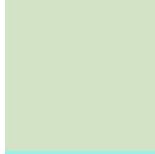
Original Color

52.7088, 75.8906, 62.3224



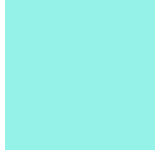
Protanomaly

61.4491, 73.9227, 56.9287



Deuteranomaly

64.3998, 73.2197, 63.5619



Tritanomaly

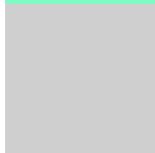
58.7120, 75.7200, 87.8649

Monochromacy



Original Color

52.7088, 75.8906, 62.3224



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.6043, 66.2101, 65.7263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7088, 75.8906, 62.3224 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(132, 248, 193)` looks like.

```
.text, #text, p{  
    color:rgb(132, 248, 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(132, 248, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 248, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.7088, 75.8906, 62.3224 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(132, 248, 193) }
```


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

```
.border{ border-color:rgb(132, 248, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 248, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 248, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 248, 193); box-shadow:4px 4px 4px 4px rgb(132, 248, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7088, 75.8906, 62.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 248, 193) }
```

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

```
.background{ background-color: rgb(132,  
248, 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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