

Converting Colors

XYZ(51.9255, 75.9315, 62.9584)

Have a look what the booklet for
XYZ(51.9255, 75.9315, 62.9584)
contains.

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Color

**XYZ(51.9255, 75.9315,
62.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	7CF9C2
RGB	124, 249, 194
RGB Percent	49%, 98%, 76%
CMY	0.5137, 0.0235, 0.2392
CMYK	0.50, 0.00, 0.22, 0.02
HSL	154°, 91%, 73%
HSV	154°, 50%, 98%
XYZ	51.9255, 75.9315, 62.9584
YIQ	205.3550, -56.8450, -43.6050

Conversions

Conversions Part 2

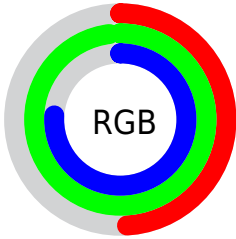
Format	Color
RYB	124, 204, 249
Decimal	8190402
CIELab	89.83, -47.41, 15.84
CIELCh	90, 49.986, 161.524
Yxy	75.9315, 0.2721, 0.3979
Android (android.graphics.Color)	4286380482 (0xFF7CF9C2)
YUV	205.3550, -5.5980, -71.3483
Hunter-Lab	87.1387, -46.1254, 18.1596

Details

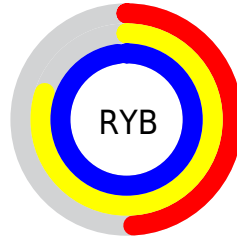
The XYZ color **51.9255, 75.9315, 62.9584** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **54.4138, 37.8116, 47.0813**, and the grayscale version is **58.3166, 61.3536, 66.8141**.

A 20% lighter version of the original color is **72.7010, 88.5523, 104.5273**, and **25.5699, 40.6169, 31.3031** is the 20% darker color. If you saturate the color by 10%, you get **47.5859, 73.8333, 56.5678**, and if you desaturate by 10%, it is **57.2684, 78.5404, 69.8729**.

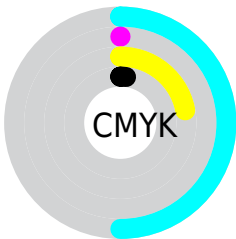
Distribution



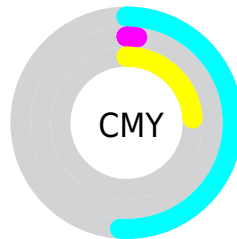
- Red (49%)
- Green (98%)
- Blue (76%)



- Red (49%)
- Yellow (80%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)





- Cyan (51%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9255, 75.9315, 62.9584 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 51.9255, 75.9315, 62.9584 by changing the saturation by 10% instead.


 51.9255, 75.9315,
62.9584

 51.9255, 75.9315,
62.9584

384.4776,
481.1132, 453.5223


 37.1697, 56.3763,
45.3668


 92.1962, 127.6301,
110.6945

 25.5132, 40.5047,
31.4014


 118.4419,
160.5423, 141.6760

 16.5906, 27.9323,
20.6436


 149.2483,
198.6756, 177.9580

 10.0365, 18.2746,
12.6751

184.9806,
242.4145, 219.9588

 5.4856, 11.1473,
7.0771

226.0044,
292.1433, 268.0971

 2.5726, 6.1660,
3.4312


272.6849,


 0.9320, 2.9463,


348.2464, 322.7915


1.3188


325.3875,
411.1082, 384.4603


 0.0000, 1.1038,
0.0771


 0.0000, 0.0000,
0.0000

 51.9255, 75.9315,
62.9584


 51.9255, 75.9315,
62.9584


 47.5859, 73.8333,
56.5678


 57.2684, 78.5404,
69.8729


 44.1716, 72.2000,
50.6824


 63.6727, 81.6838,
77.3189


 41.6030, 70.9925,
45.2897


 71.1994, 85.3948,
85.3105

 39.7825, 70.1609,
40.3741

 79.9027, 89.7013,
93.8595

 38.5694, 69.6310,
36.0018

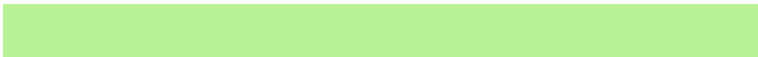
 89.8333, 94.6292,
102.9773

 93.1670, 96.2341,
108.2723

Harmonies

Analogous

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



57.5569, 75.9315, 41.5253



51.9255, 75.9315, 62.9584



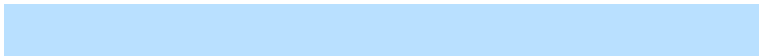
51.3299, 75.9315, 97.0078

Triad

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



51.9255, 75.9315, 62.9584



77.0150, 75.9315, 168.7268



91.4308, 75.9315, 45.3165

Complementary

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



51.9255, 75.9315, 62.9584



54.4138, 37.8116, 47.0813

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.



98.0036, 75.9315, 69.8311



51.9255, 75.9315, 62.9584



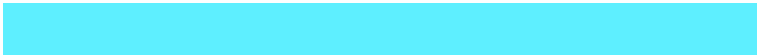
89.0695, 75.9315, 144.6957

Square

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



51.9255, 75.9315, 62.9584



64.9098, 75.9315, 165.3189



97.0933, 75.9315, 106.1336



79.9536, 75.9315, 33.5250

Rectangle

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



51.9255, 75.9315, 62.9584



53.7766, 75.9315, 123.5359



97.0933, 75.9315, 106.1336



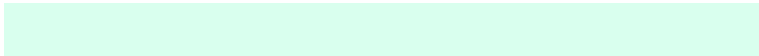
94.3430, 75.9315, 51.9949

Sweetspot

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



51.9276, 75.9346, 62.9601



79.7585, 92.4164, 94.6539



56.3969, 78.9432, 31.3350



16.6616, 19.5781, 19.8545



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.



51.9276, 75.9346, 62.9601



50.2819, 77.9617, 59.7930



57.3894, 75.0794, 101.0932



17.4244, 19.4720, 20.4355



20.7175, 37.3000, 19.6533



1.9721, 3.4759, 2.1009

Inverse Universe

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



54.4138, 37.8116, 47.0813



53.1831, 33.6394, 41.3849



50.7232, 37.6286, 23.6596



17.5619, 17.3521, 19.5486



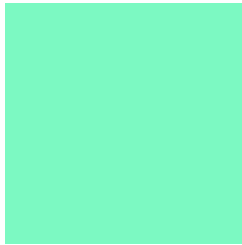
22.4744, 11.4055, 9.2068



2.1338, 1.0773, 1.1281

Previews

White Background



This preview shows how the XYZ color 51.9255, 75.9315, 62.9584 looks on a white background.

Color Contrast Check

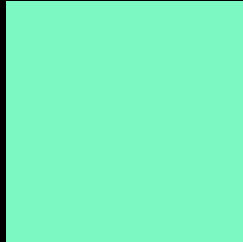
Large Text (above 18pt) WCAG AA × Fail

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 51.9255, 75.9315, 62.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

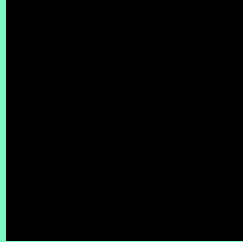
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9255, 75.9315, 62.9584

Background



This preview shows how black text looks on a background with the XYZ color 51.9255, 75.9315, 62.9584.



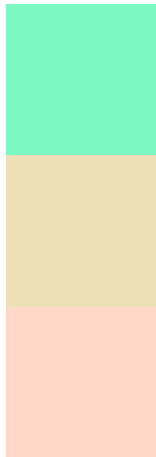
This preview shows how white text looks on a background with the XYZ color 51.9255, 75.9315,

62.9584.

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

51.9255, 75.9315, 62.9584

Protanopia

70.3590, 74.8659, 54.9982

Deuteranopia

76.3385, 74.5888, 65.6319



Tritanopia

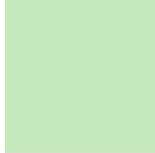
62.5292, 75.5372, 105.8922

Trichromacy



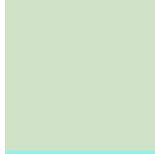
Original Color

51.9255, 75.9315, 62.9584



Protanomaly

61.0278, 73.6933, 57.4621



Deuteranomaly

63.6686, 72.8294, 64.1279



Tritanomaly

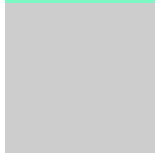
58.1372, 75.4072, 88.5817

Monochromacy



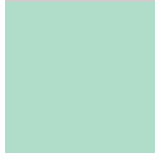
Original Color

51.9255, 75.9315, 62.9584



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.3036, 65.1601, 64.9734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9255, 75.9315, 62.9584 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(124, 249, 194)` looks like.

```
.text, #text, p{  
    color:rgb(124, 249, 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(124, 249, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 249, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.9255, 75.9315, 62.9584 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(124, 249, 194) }
```


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

```
.border{ border-color:rgb(124, 249, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 249, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 249, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 249, 194); box-shadow:4px 4px 4px 4px rgb(124, 249, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9255, 75.9315, 62.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 249, 194) }
```

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

```
.background{ background-color: rgb(124,  
249, 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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