

Converting Colors

XYZ(59.3815, 65.1693,
140.9527)

Have a look what the booklet for
XYZ(59.3815, 65.1693, 140.9527)
contains.

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Color

**XYZ(52.4348, 62.5502,
103.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	81DBFF
RGB	129, 219, 255
RGB Percent	51%, 86%, 100%
CMY	0.4941, 0.1412, 0.0000
CMYK	0.49, 0.14, 0.00, 0.00
HSL	197°, 100%, 75%
HSV	197°, 49%, 100%
XYZ	52.4348, 62.5502, 103.9175
YIQ	196.1940, -65.1960, -7.8840

Conversions

Conversions Part 2

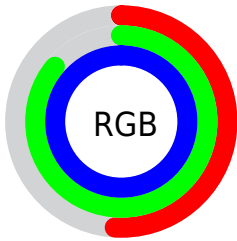
Format	Color
R_{YB}	129, 182, 255
Decimal	8510463
CIE _{Lab}	83.21, -17.53, -25.87
CIE _{LCh}	83, 31.251, 235.872
Yxy	62.5502, 0.2395, 0.2857
Android (android.graphics.Color)	4286700543 (0xFF81DBFF)
YUV	196.1940, 28.9914, -58.9291
Hunter-Lab	79.0887, -20.0619, -22.5412

Details

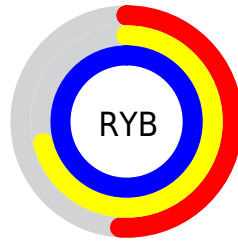
The XYZ color **52.4348, 62.5502, 103.9175** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **58.6584, 49.7562, 27.2832**, and the grayscale version is **52.4470, 55.1783, 60.0892**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **25.7832, 31.8214, 58.2093** is the 20% darker color. If you saturate the color by 10%, you get **47.1748, 57.0798, 103.1389**, and if you desaturate by 10%, it is **58.7479, 68.6897, 104.7698**.

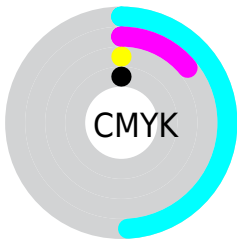
Distribution



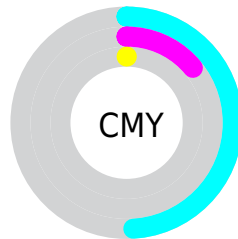
- Red (51%)
- Green (86%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- Blue (100%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4348, 62.5502, 103.9175 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 52.4348, 62.5502, 103.9175 by changing the saturation by 10% instead.

52.4348, 62.5502,
103.9175

52.4348, 62.5502,
103.9175

386.4093,
433.9352, 594.0345

37.5774, 45.4774,
78.9412

92.9426, 108.5203,
168.6290

25.8306, 31.8336,
58.3264

119.3237,
138.1865, 209.2013

16.8290, 21.2345,
41.6547

150.2768,
172.8192, 255.8094

10.2072, 13.2955,
28.5074

186.1673,
212.8029, 308.8717

5.5999, 7.6323,
18.4662

227.3604,
258.5219, 368.8068

2.6417, 3.8606,
11.1123

274.2215,

0.9672, 1.5959,

310.3607, 436.0333

6.0273

327.1161,
368.7037, 510.9696

■ 0.0000, 0.3548,
2.7926

■ 0.0000, 0.0000,
0.9897

■ 52.4348, 62.5502,
103.9175

■ 52.4348, 62.5502,
103.9175

■ 47.1748, 57.0798,
103.1389

■ 58.7479, 68.6897,
104.7698

■ 42.8883, 52.2317,
102.4290

■ 66.1755, 75.5275,
105.6982

■ 39.4921, 47.9631,
101.7841

■ 74.7804, 83.0987,
106.7060

■ 36.8858, 44.2203,
101.1990

■ 84.6189, 91.4338,
107.7963

■ 34.9152, 40.9224,
100.6663

95.0500, 100.0000,
108.9000

■ 34.8080, 40.7360,
100.6360

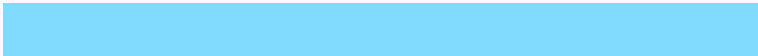
Harmonies

Analogous

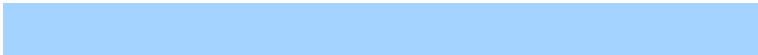
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.4781, 62.5502, 85.7294



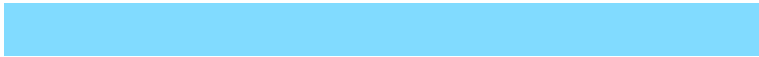
52.4348, 62.5502, 103.9175



58.5187, 62.5502, 112.5376

Triad

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



52.4348, 62.5502, 103.9175



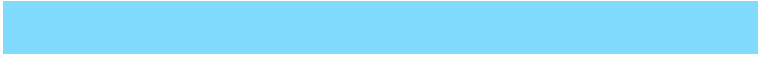
73.4237, 62.5502, 70.8292



53.9437, 62.5502, 39.7369

Complementary

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



52.4348, 62.5502, 103.9175



58.6584, 49.7562, 27.2832

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.



60.3953, 62.5502, 37.2459



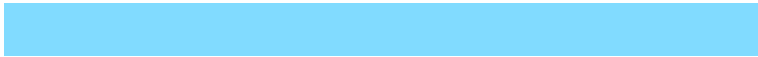
52.4348, 62.5502, 103.9175



71.9685, 62.5502, 53.0811

Square

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



52.4348, 62.5502, 103.9175



70.9080, 62.5502, 91.2708



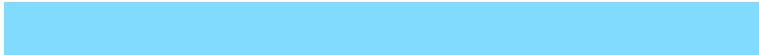
67.0691, 62.5502, 41.6428



49.3017, 62.5502, 49.2361

Rectangle

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



52.4348, 62.5502, 103.9175



63.0887, 62.5502, 110.6938



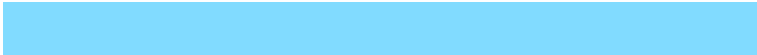
67.0691, 62.5502, 41.6428



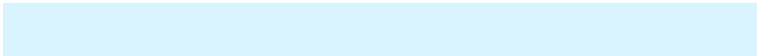
55.9580, 62.5502, 38.1400

Sweetspot

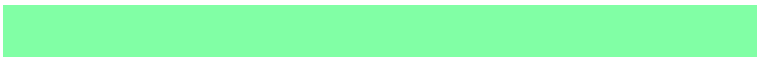
The Sweet Spot groups the original color and five complimentary colors.



52.4366, 62.5525, 103.9179



78.9634, 86.6781, 107.1765



51.5788, 78.8934, 47.9658



16.4669, 18.1824, 22.8916



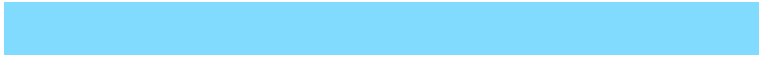
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.4366, 62.5525, 103.9179



47.3706, 57.2913, 103.1694



39.0438, 35.7669, 99.4536



18.0906, 19.5529, 23.0705



18.3218, 21.5532, 52.6291



1.8773, 2.2853, 5.1554

Inverse Universe

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



61.8777, 42.0767, 71.8806



58.1316, 36.0260, 66.1881



72.8641, 78.1677, 32.0184



18.5584, 18.2067, 21.5576



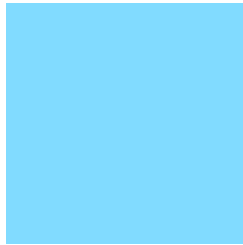
26.0362, 12.9038, 24.6389



2.5822, 1.2752, 2.6472

Previews

White Background



This preview shows how the XYZ color 52.4348, 62.5502, 103.9175 looks on a white background.

Color Contrast Check

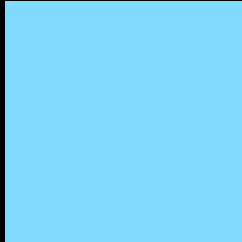
Large Text (above 18pt) WCAG AA × Fail

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 52.4348, 62.5502, 103.9175 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 52.4348, 62.5502, 103.9175

Background



This preview shows how black text looks on a background with the XYZ color 52.4348, 62.5502, 103.9175.

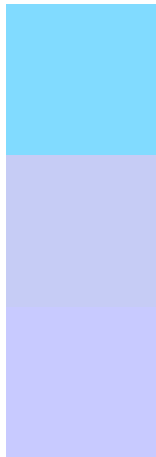


This preview shows how white text looks on a background with the XYZ color 52.4348, 62.5502,

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

52.4348, 62.5502, 103.9175

Protanopia

61.3630, 61.7841, 95.0775

Deuteranopia

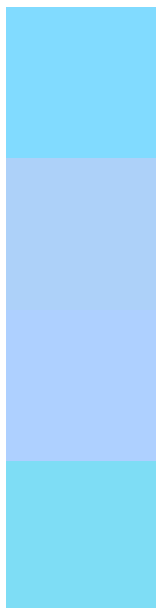
62.9899, 61.7404, 103.2049



Tritanopia

50.1616, 62.8189, 91.9195

Trichromacy



Original Color

52.4348, 62.5502, 103.9175

Protanomaly

57.1329, 61.3247, 98.4482

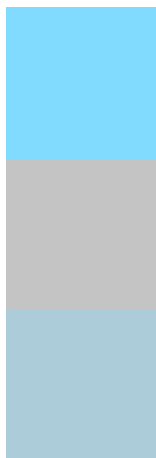
Deuteranomaly

58.0614, 61.3304, 103.3855

Tritanomaly

50.9421, 62.7411, 95.8115

Monochromacy



Original Color

52.4348, 62.5502, 103.9175

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.1305, 56.9661, 73.9463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4348, 62.5502, 103.9175 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(129, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(129, 219, 255)  
}
```

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(129, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4348, 62.5502, 103.9175 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(129, 219, 255) }
```


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

```
.border{ border-color:rgb(129, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(129, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4348, 62.5502, 103.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 219, 255) }
```

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

```
.background{ background-color: rgb(129,  
219, 255) }
```

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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