

Converting Colors

XYZ(51.5284, 62.4713,
103.9501)

Have a look what the booklet for
XYZ(51.5284, 62.4713, 103.9501)
contains.

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Color

**XYZ(51.5284, 62.4713,
103.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	79DCFF
RGB	121, 220, 255
RGB Percent	47%, 86%, 100%
CMY	0.5255, 0.1372, 0.0000
CMYK	0.53, 0.14, 0.00, 0.00
HSL	196°, 100%, 74%
HSV	196°, 53%, 100%
XYZ	51.5284, 62.4713, 103.9501
YIQ	194.3890, -70.2390, -10.1030

Conversions

Conversions Part 2

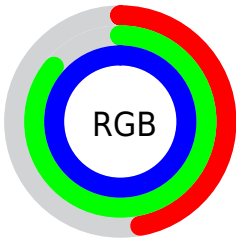
Format	Color
R_{YB}	121, 178, 255
Decimal	7986431
CIE _{Lab}	83.16, -19.73, -25.96
CIE _{LCh}	83, 32.608, 232.767
Yxy	62.4713, 0.2364, 0.2866
Android (android.graphics.Color)	4286176511 (0xFF79DCFF)
YUV	194.3890, 29.8812, -64.3622
Hunter-Lab	79.0388, -21.9469, -22.6498

Details

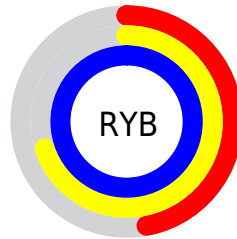
The XYZ color **51.5284, 62.4713, 103.9501** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.5807, 46.4188, 24.0690**, and the grayscale version is **51.3687, 54.0438, 58.8537**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **25.2791, 31.8282, 58.2372** is the 20% darker color. If you saturate the color by 10%, you get **46.7028, 57.4414, 103.2335**, and if you desaturate by 10%, it is **57.3715, 68.1318, 104.7347**.

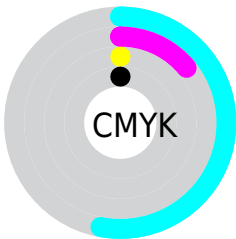
Distribution



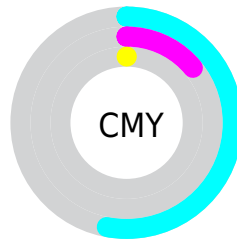
- Red (47%)
- Green (86%)
- Blue (100%)



- Red (47%)
- Yellow (70%)
- Blue (100%)



- Cyan (53%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5284, 62.4713, 103.9501 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 51.5284, 62.4713, 103.9501 by changing the saturation by 10% instead.

51.5284, 62.4713,
103.9501

51.5284, 62.4713,
103.9501

382.9672,
433.6482, 594.1387

36.8521, 45.4136,
78.9683

91.6137, 108.4064,
168.6741

25.2661, 31.7834,
58.3486

117.7534,
138.0526, 209.2533

16.4052, 21.1961,
41.6724

148.4449,
172.6638, 255.8688

9.9040, 13.2674,
28.5212

184.0536,
212.6244, 308.9391

5.3971, 7.6129,
18.4765

224.9448,
258.3187, 368.8826

2.5192, 3.8483,
11.1196

271.4839,

0.9050, 1.5891,

310.1312, 436.1181

6.0322

324.0362,
368.4462, 511.0639

■ 0.0000, 0.3502,
2.7956

■ 0.0000, 0.0000,
0.9912

■ 51.5284, 62.4713,
103.9501

■ 51.5284, 62.4713,
103.9501

■ 46.7028, 57.4414,
103.2335

■ 57.3715, 68.1318,
104.7347

■ 42.8124, 52.9945,
102.5803

■ 64.2954, 74.4527,
105.5898

■ 39.7702, 49.0858,
101.9861

■ 72.3642, 81.4695,
106.5189

■ 37.4689, 45.6589,
101.4460

■ 81.6355, 89.2130,
107.5249

■ 36.1184, 43.3568,
101.0728

■ 92.1628, 97.7120,
108.6105

95.0500, 100.0000,
108.9000

Harmonies

Analogous

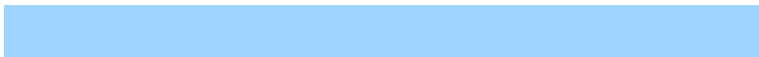
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.7073, 62.4713, 84.2202



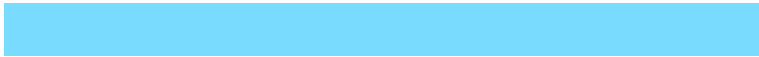
51.5284, 62.4713, 103.9501



57.6824, 62.4713, 114.3952

Triad

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



51.5284, 62.4713, 103.9501



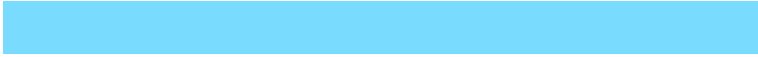
73.9042, 62.4713, 73.0396



54.2721, 62.4713, 38.0752

Complementary

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



51.5284, 62.4713, 103.9501



56.5807, 46.4188, 24.0690

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.



61.1047, 62.4713, 36.2559



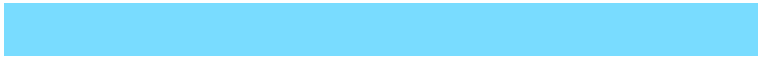
51.5284, 62.4713, 103.9501



72.8098, 62.4713, 54.0442

Square

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



51.5284, 62.4713, 103.9501



70.8670, 62.4713, 94.3909



67.9849, 62.4713, 41.5015



49.2015, 62.4713, 47.0852

Rectangle

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



51.5284, 62.4713, 103.9501



62.4309, 62.4713, 113.4751



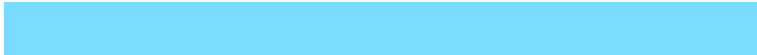
67.9849, 62.4713, 41.5015



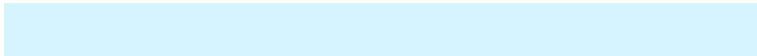
56.4245, 62.4713, 36.6864

Sweetspot

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



51.5302, 62.4735, 103.9504



78.2942, 86.4547, 107.1686



49.5210, 77.9354, 43.2259



16.3470, 18.1620, 22.8940



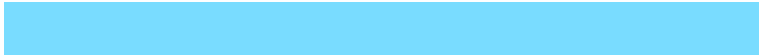
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



51.5302, 62.4735, 103.9504



46.5066, 57.2273, 103.2026



37.5753, 34.5638, 99.2988



18.1298, 19.6312, 23.0836



19.0005, 22.9106, 52.8553



1.9388, 2.4083, 5.1759

Inverse Universe

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



60.9969, 40.1039, 72.2383



57.2893, 34.1340, 66.5470



70.6807, 74.6189, 28.7690



18.5782, 18.2146, 21.6618



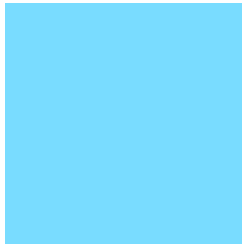
26.3788, 13.0408, 26.4428



2.6132, 1.2877, 2.8107

Previews

White Background



This preview shows how the XYZ color 51.5284, 62.4713, 103.9501 looks on a white background.

Color Contrast Check

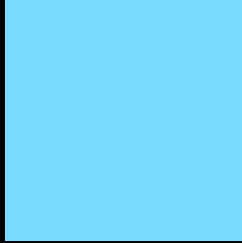
Large Text (above 18pt) WCAG AA × Fail

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 51.5284, 62.4713, 103.9501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

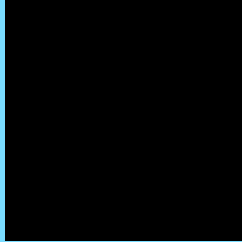
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5284, 62.4713, 103.9501

Background



This preview shows how black text looks on a background with the XYZ color 51.5284, 62.4713, 103.9501.

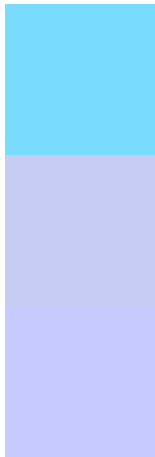


This preview shows how white text looks on a background with the XYZ color 51.5284, 62.4713,

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

51.5284, 62.4713, 103.9501

Protanopia

61.2107, 61.7232, 94.2756

Deuteranopia

62.7237, 61.6032, 103.1924



Tritanopia

49.0519, 62.2468, 91.8676

Trichromacy



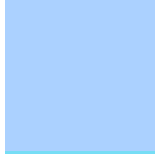
Original Color

51.5284, 62.4713, 103.9501



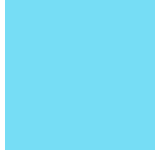
Protanomaly

56.5674, 61.4165, 97.6801



Deuteranomaly

57.6451, 61.4789, 103.4361



Tritanomaly

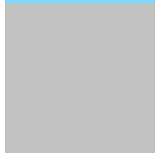
49.8091, 62.1570, 95.7585

Monochromacy



Original Color

51.5284, 62.4713, 103.9501



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

49.6870, 55.8852, 73.1339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5284, 62.4713, 103.9501 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(121, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 220, 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(121, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.5284, 62.4713, 103.9501 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(121, 220, 255) }
```


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

```
.border{ border-color:rgb(121, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5284, 62.4713, 103.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 220, 255) }
```

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

```
.background{ background-color: rgb(121,  
220, 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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