

Converting Colors

XYZ(48.4910, 56.3967,
102.9376)

Have a look what the booklet for
XYZ(48.4910, 56.3967, 102.9376)
contains.

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Color

**XYZ(48.4910, 56.3967,
102.9376)**

Conversions

Conversions Part 1

Format	Color
Hex	79D0FF
RGB	121, 208, 255
RGB Percent	47%, 82%, 100%
CMY	0.5255, 0.1843, 0.0000
CMYK	0.53, 0.18, 0.00, 0.00
HSL	201°, 100%, 74%
HSV	201°, 53%, 100%
XYZ	48.4910, 56.3967, 102.9376
YIQ	187.3450, -66.9390, -3.8270

Conversions

Conversions Part 2

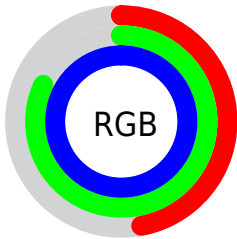
Format	Color
R_{YB}	121, 174, 255
Decimal	7983359
CIE _{Lab}	79.84, -13.57, -31.05
CIE _{LCh}	80, 33.889, 246.388
Yxy	56.3967, 0.2333, 0.2714
Android (android.graphics.Color)	4286173439 (0xFF79D0FF)
YUV	187.3450, 33.3539, -58.1846
Hunter-Lab	75.0977, -16.1627, -28.7013

Details

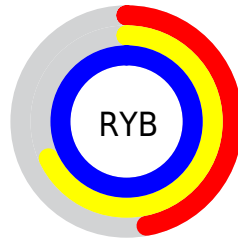
The XYZ color **48.4910, 56.3967, 102.9376** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **58.6947, 50.6470, 24.7734**, and the grayscale version is **47.2751, 49.7371, 54.1637**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **23.4360, 28.0583, 57.6067** is the 20% darker color. If you saturate the color by 10%, you get **43.2592, 50.5543, 102.0857**, and if you desaturate by 10%, it is **54.7934, 62.9759, 103.8754**.

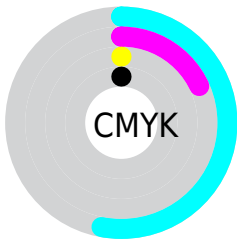
Distribution



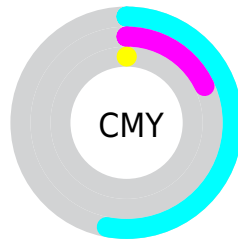
- Red (47%)
- Green (82%)
- Blue (100%)



- Red (47%)
- Yellow (68%)
- Blue (100%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4910, 56.3967, 102.9376 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 48.4910, 56.3967, 102.9376 by changing the saturation by 10% instead.

■ 48.4910, 56.3967,
102.9376

■ 48.4910, 56.3967,
102.9376

371.2853,
411.1848, 590.8973

■ 34.4287, 40.5211,
78.1256

■ 87.1403, 99.5844,
167.2753

■ 23.3876, 27.9450,
57.6601

■ 112.4580,
127.6652, 207.6380

■ 15.0022, 18.2842,
41.1226

■ 142.2583,
160.5832, 254.0214

■ 8.9073, 11.1542,
28.0944

176.9065,
198.7228, 306.8440

■ 4.7374, 6.1707,
18.1572

216.7679,
242.4683, 366.5244

■ 2.1272, 2.9491,
10.8923

262.2080,

■ 0.7039, 1.1052,

292.2043, 433.4810

5.8812

313.5920,
348.3149, 508.1325

■ 0.0000, 0.0000,
2.7054

■ 0.0000, 0.0000,
0.9461

■ 48.4910, 56.3967,
102.9376

■ 48.4910, 56.3967,
102.9376

■ 43.2592, 50.5543,
102.0857

■ 54.7934, 62.9759,
103.8754

■ 39.0147, 45.3993,
101.3144

■ 62.2313, 70.3247,
104.9018

■ 35.6694, 40.8844,
100.6192

■ 70.8697, 78.4808,
106.0208

■ 33.1146, 36.9504,
99.9946

■ 80.7674, 87.4771,
107.2356

■ 31.6067, 34.3334,
99.5689

■ 91.9788, 97.3445,
108.5493

95.0500, 100.0000,
108.9000

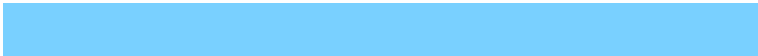
Harmonies

Analogous

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



43.6693, 56.3967, 86.6577



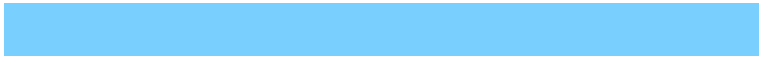
48.4910, 56.3967, 102.9376



55.0845, 56.3967, 107.1259

Triad

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



48.4910, 56.3967, 102.9376



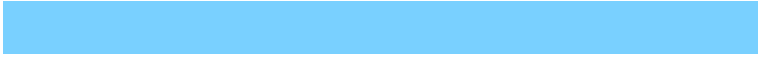
67.8116, 56.3967, 57.2983



46.1519, 56.3967, 35.7367

Complementary

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



48.4910, 56.3967, 102.9376



58.6947, 50.6470, 24.7734

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.



52.1490, 56.3967, 30.9923



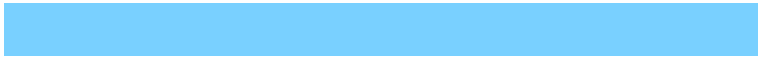
48.4910, 56.3967, 102.9376



64.9402, 56.3967, 41.6092

Square

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



48.4910, 56.3967, 102.9376



66.6224, 56.3967, 77.8169



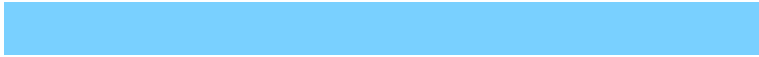
59.0630, 56.3967, 32.8861



42.4015, 56.3967, 47.4823

Rectangle

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



48.4910, 56.3967, 102.9376



59.6829, 56.3967, 101.8502



59.0630, 56.3967, 32.8861



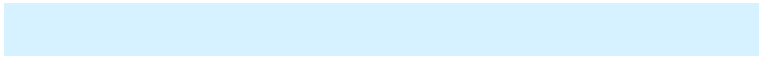
47.9514, 56.3967, 33.3987

Sweetspot

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



48.4927, 56.3987, 102.9379



77.2035, 84.2734, 106.8051



50.7049, 78.4090, 49.4609



16.0858, 17.6397, 22.8069



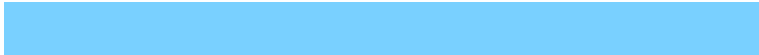
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



48.4927, 56.3987, 102.9379



43.0460, 50.3060, 102.0490



35.4764, 30.3662, 98.5992



17.9873, 19.3462, 23.0361



16.6607, 18.2309, 52.0754



1.7248, 1.9803, 5.1046

Inverse Universe

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



59.4637, 39.4905, 64.1649



55.5426, 33.4353, 57.3486



74.3715, 82.0006, 29.9990



18.5062, 18.1858, 21.2829



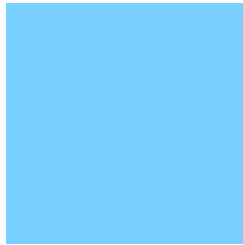
25.1977, 12.5684, 20.2235



2.5052, 1.2445, 2.2419

Previews

White Background



This preview shows how the XYZ color 48.4910, 56.3967, 102.9376 looks on a white background.

Color Contrast Check

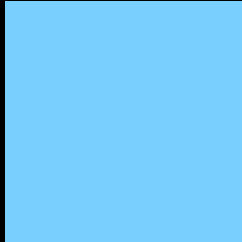
Large Text (above 18pt) WCAG AA × Fail

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 48.4910, 56.3967, 102.9376 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

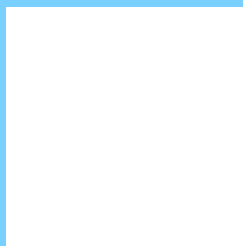
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4910, 56.3967, 102.9376

Background



This preview shows how black text looks on a background with the XYZ color 48.4910, 56.3967, 102.9376.

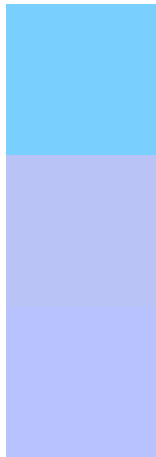


This preview shows how white text looks on a background with the XYZ color 48.4910, 56.3967,

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

48.4910, 56.3967, 102.9376

Protanopia

56.1572, 55.9983, 95.0377

Deuteranopia

57.1090, 55.9939, 102.4057



Tritanopia

44.5085, 56.2449, 83.3734

Trichromacy



Original Color

48.4910, 56.3967, 102.9376

Protanomaly

52.6535, 55.8295, 97.6236

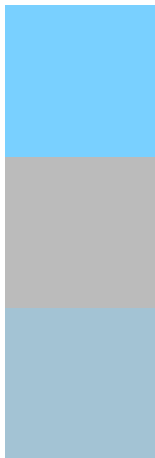
Deuteranomaly

53.1714, 55.6439, 102.5457

Tritanomaly

45.9445, 56.4654, 90.1387

Monochromacy



Original Color

48.4910, 56.3967, 102.9376

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.5030, 51.5702, 69.7904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4910, 56.3967, 102.9376 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, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 208, 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, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.4910, 56.3967, 102.9376 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, 208, 255) }
```


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

```
.border{ border-color:rgb(121, 208, 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, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4910, 56.3967, 102.9376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 208, 255) }
```

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

```
.background{ background-color: rgb(121,  
208, 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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