

Converting Colors

XYZ(48.1543, 57.3192,
103.1335)

Have a look what the booklet for
XYZ(48.1543, 57.3192, 103.1335)
contains.

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Color

**XYZ(48.1543, 57.3192,
103.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	71D3FF
RGB	113, 211, 255
RGB Percent	44%, 83%, 100%
CMY	0.5568, 0.1725, 0.0000
CMYK	0.56, 0.17, 0.00, 0.00
HSL	199°, 100%, 72%
HSV	199°, 56%, 100%
XYZ	48.1543, 57.3192, 103.1335
YIQ	186.7140, -72.5320, -7.0920

Conversions

Conversions Part 2

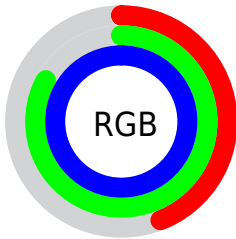
Format	Color
RYB	113, 171, 255
Decimal	7459839
CIELab	80.36, -16.74, -30.28
CIELCh	80, 34.600, 241.063
Yxy	57.3192, 0.2308, 0.2748
Android (android.graphics.Color)	4285649919 (0xFF71D3FF)
YUV	186.7140, 33.6650, -64.6472
Hunter-Lab	75.7094, -18.9582, -27.7699

Details

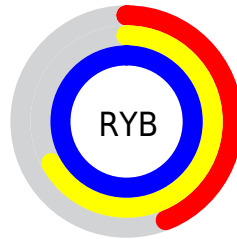
The XYZ color **48.1543, 57.3192, 103.1335** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.2787, 46.5677, 21.6471**, and the grayscale version is **46.9205, 49.3640, 53.7574**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **23.0778, 28.3677, 57.6853** is the 20% darker color. If you saturate the color by 10%, you get **43.4080, 52.0307, 102.3628**, and if you desaturate by 10%, it is **53.9219, 63.2797, 103.9800**.

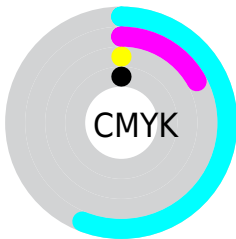
Distribution



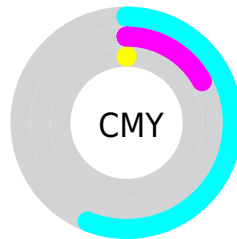
- Red (44%)
- Green (83%)
- Blue (100%)



- Red (44%)
- Yellow (67%)
- Blue (100%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1543, 57.3192, 103.1335 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 48.1543, 57.3192, 103.1335 by changing the saturation by 10% instead.

■ 48.1543, 57.3192,
103.1335

■ 48.1543, 57.3192,
103.1335

369.9758,
414.6443, 591.5252

■ 34.1609, 41.2616,
78.2886

■ 86.6424, 100.9308,
167.5460

■ 23.1807, 28.5235,
57.7932

■ 111.8678,
129.2535, 207.9507

■ 14.8484, 18.7207,
41.2288

■ 141.5678,
162.4335, 254.3791

■ 8.7987, 11.4686,
28.1769

176.1079,
200.8549, 307.2497

■ 4.6662, 6.3830,
18.2188

215.8534,
244.9024, 366.9811

■ 2.0855, 3.0793,
10.9362

261.1697,

■ 0.6813, 1.1733,

294.9601, 433.9918

5.9103

312.4220,
351.4127, 508.7003

■ 0.0000, 0.0397,
2.7227

■ 0.0000, 0.0000,
0.9548

■ 48.1543, 57.3192,
103.1335

■ 48.1543, 57.3192,
103.1335

■ 43.4080, 52.0307,
102.3628

■ 53.9219, 63.2797,
103.9800

■ 39.5971, 47.3645,
101.6630

■ 60.7772, 69.9451,
104.9052

■ 36.6293, 43.2720,
101.0295

■ 68.7867, 77.3527,
105.9129

■ 34.3881, 39.6912,
100.4565

■ 78.0098, 85.5350,
107.0061

■ 33.5729, 38.2658,
100.2243

■ 88.5016, 94.5223,
108.1878

95.0500, 100.0000,
108.9000

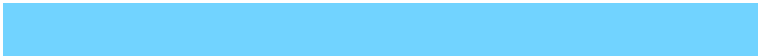
Harmonies

Analogous

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



43.6296, 57.3192, 84.7700



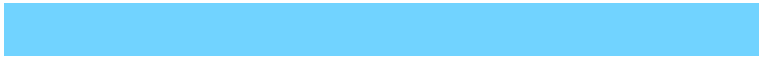
48.1543, 57.3192, 103.1335



54.7331, 57.3192, 110.0792

Triad

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



48.1543, 57.3192, 103.1335



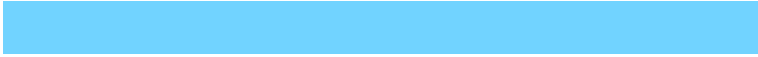
69.2586, 57.3192, 61.6905



47.7526, 57.3192, 34.6134

Complementary

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



48.1543, 57.3192, 103.1335



56.2787, 46.5677, 21.6471

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.



54.2281, 57.3192, 30.9787



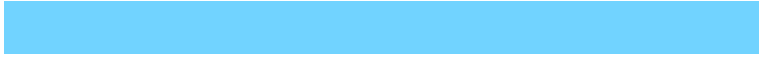
48.1543, 57.3192, 103.1335



66.9952, 57.3192, 44.3758

Square

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



48.1543, 57.3192, 103.1335



67.2855, 57.3192, 83.2430



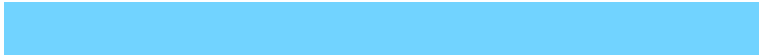
61.3371, 57.3192, 34.1275



43.4123, 57.3192, 45.3811

Rectangle

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



48.1543, 57.3192, 103.1335



59.5214, 57.3192, 106.3292



61.3371, 57.3192, 34.1275



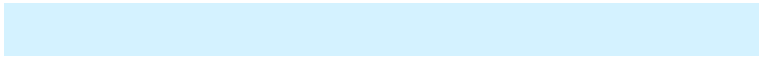
49.7320, 57.3192, 32.6365

Sweetspot

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



48.1560, 57.3212, 103.1338



76.7242, 84.4124, 106.8572



48.5383, 77.4181, 43.6623



16.0112, 17.7068, 22.8238



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.



48.1560, 57.3212, 103.1338



42.8546, 51.3818, 102.2667



34.4457, 29.9007, 98.5637



18.0521, 19.4759, 23.0577



17.6815, 20.2726, 52.4157



1.8189, 2.1685, 5.1360

Inverse Universe

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



58.9042, 37.7751, 65.8168



55.0900, 31.8911, 59.1674



71.5812, 77.1728, 26.7479



18.5390, 18.1989, 21.4553



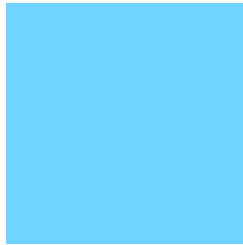
25.7130, 12.7745, 22.9369



2.5527, 1.2635, 2.4919

Previews

White Background



This preview shows how the XYZ color 48.1543, 57.3192, 103.1335 looks on a white background.

Color Contrast Check

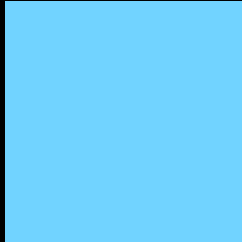
Large Text (above 18pt) WCAG AA × Fail

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 48.1543, 57.3192, 103.1335 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

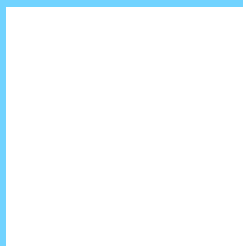
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1543, 57.3192, 103.1335

Background



This preview shows how black text looks on a background with the XYZ color 48.1543, 57.3192, 103.1335.

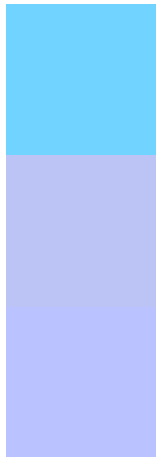


This preview shows how white text looks on a background with the XYZ color 48.1543, 57.3192,

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

48.1543, 57.3192, 103.1335

Protanopia

56.5626, 56.5763, 93.5271

Deuteranopia

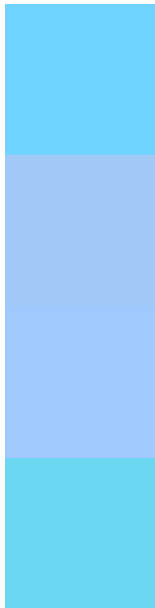
57.8148, 56.6893, 102.5027



Tritanopia

44.5748, 57.3701, 85.0681

Trichromacy



Original Color

48.1543, 57.3192, 103.1335

Protanomaly

52.3271, 56.0242, 96.8628

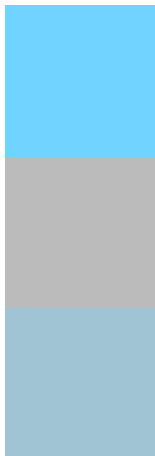
Deuteranomaly

53.2347, 56.3642, 102.6814

Tritanomaly

45.8381, 57.5102, 91.1227

Monochromacy



Original Color

48.1543, 57.3192, 103.1335

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.1208, 51.7069, 69.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1543, 57.3192, 103.1335 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(113, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 211, 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(113, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.1543, 57.3192, 103.1335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

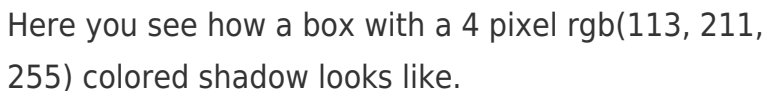
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 211, 255) }
```


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

```
.border{ border-color:rgb(113, 211, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(113, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1543, 57.3192, 103.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 211, 255) }
```

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

```
.background{ background-color: rgb(113,  
211, 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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