

Converting Colors

XYZ(52.1339, 60.0867,
123.3250)

Have a look what the booklet for
XYZ(52.1339, 60.0867, 123.3250)
contains.

XYZ(48.2809, 58.5013, 103.3549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.2809, 58.5013,
103.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	6CD6FF
RGB	108, 214, 255
RGB Percent	42%, 84%, 100%
CMY	0.5764, 0.1608, 0.0000
CMYK	0.58, 0.16, 0.00, 0.00
HSL	197°, 100%, 71%
HSV	197°, 58%, 100%
XYZ	48.2809, 58.5013, 103.3549
YIQ	186.9800, -76.3370, -9.7210

Conversions

Conversions Part 2

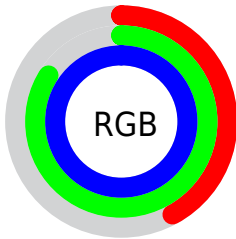
Format	Color
RYB	108, 170, 255
Decimal	7132927
CIELab	81.02, -19.23, -29.29
CIELCh	81, 35.034, 236.713
Yxy	58.5013, 0.2298, 0.2784
Android (android.graphics.Color)	4285323007 (0xFF6CD6FF)
YUV	186.9800, 33.5339, -69.2655
Hunter-Lab	76.4861, -21.1749, -26.5776

Details

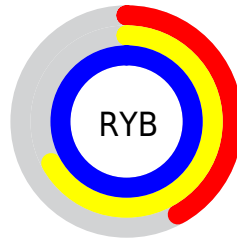
The XYZ color **48.2809, 58.5013, 103.3549** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **54.6953, 43.8390, 19.7684**, and the grayscale version is **47.0724, 49.5238, 53.9315**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **23.2184, 29.1968, 57.8379** is the 20% darker color. If you saturate the color by 10%, you get **43.8604, 53.6096, 102.6437**, and if you desaturate by 10%, it is **53.6901, 64.0217, 104.1354**.

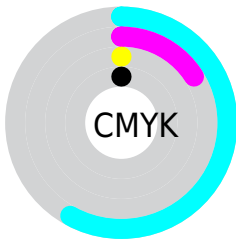
Distribution



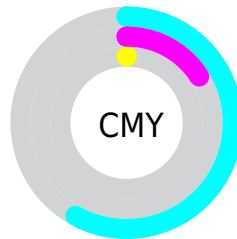
- Red (42%)
- Green (84%)
- Blue (100%)



- Red (42%)
- Yellow (67%)
- Blue (100%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2809, 58.5013, 103.3549 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 48.2809, 58.5013, 103.3549 by changing the saturation by 10% instead.

■ 48.2809, 58.5013,
103.3549

■ 48.2809, 58.5013,
103.3549

370.4686,
419.0513, 592.2344

■ 34.2616, 42.2118,
78.4729

■ 86.8297, 102.6525,
167.8519

■ 23.2585, 29.2672,
57.9437

■ 112.0898,
131.2830, 208.3040

■ 14.9062, 19.2830,
41.3490

■ 141.8276,
164.7960, 254.7832

■ 8.8395, 11.8750,
28.2701

176.4083,
203.5757, 307.7080

■ 4.6929, 6.6586,
18.2886

216.1975,
248.0068, 367.4970

■ 2.1011, 3.2495,
10.9858

261.5603,

■ 0.6898, 1.2633,

298.4735, 434.5687

5.9432

312.8622,
355.3602, 509.3416

■ 0.0000, 0.1126,
2.7424

■ 0.0000, 0.0000,
0.9646

■ 48.2809, 58.5013,
103.3549

■ 48.2809, 58.5013,
103.3549

■ 43.8604, 53.6096,
102.6437

■ 53.6901, 64.0217,
104.1354

■ 40.3409, 49.2964,
101.9967

■ 60.1555, 70.2036,
104.9879

■ 37.6269, 45.5122,
101.4093

■ 67.7445, 77.0843,
105.9160

■ 35.5905, 42.1894,
100.8753

■ 76.5171, 84.6960,
106.9228

■ 35.1655, 41.4510,
100.7552

■ 86.5288, 93.0688,
108.0113

95.0500, 100.0000,
108.9000

Harmonies

Analogous

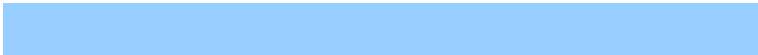
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.0310, 58.5013, 83.4366



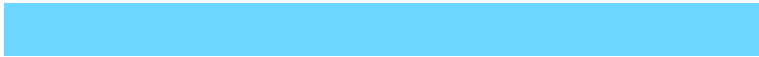
48.2809, 58.5013, 103.3549



54.8062, 58.5013, 112.5938

Triad

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



48.2809, 58.5013, 103.3549



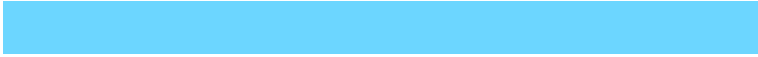
70.7555, 58.5013, 66.0206



49.5552, 58.5013, 34.2175

Complementary

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



48.2809, 58.5013, 103.3549



54.6953, 43.8390, 19.7684

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.



56.4089, 58.5013, 31.5128



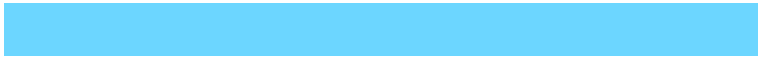
48.2809, 58.5013, 103.3549



69.0449, 58.5013, 47.3472

Square

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



48.2809, 58.5013, 103.3549



68.1233, 58.5013, 88.2864



63.6319, 58.5013, 35.7566



44.7205, 58.5013, 44.1597

Rectangle

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



48.2809, 58.5013, 103.3549



59.7203, 58.5013, 110.2351



63.6319, 58.5013, 35.7566



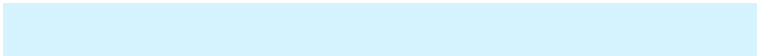
51.6809, 58.5013, 32.5401

Sweetspot

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



48.2826, 58.5034, 103.3553



77.1241, 85.2121, 106.9905



47.2278, 76.8216, 40.0272



16.1062, 17.8966, 22.8555



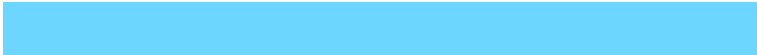
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



48.2826, 58.5034, 103.3553



43.3323, 52.9919, 102.5523



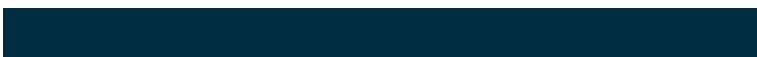
33.9538, 29.8457, 98.5790



18.1015, 19.5746, 23.0742



18.5070, 21.9237, 52.6909



1.8941, 2.3190, 5.1610

Inverse Universe

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



58.7413, 36.8419, 67.6357



55.1713, 31.3119, 61.4819



69.7249, 73.8984, 24.7783



18.5639, 18.2089, 21.5865



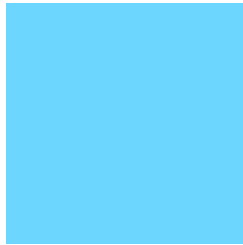
26.1297, 12.9412, 25.1312



2.5907, 1.2786, 2.6919

Previews

White Background



This preview shows how the XYZ color 48.2809, 58.5013, 103.3549 looks on a white background.

Color Contrast Check

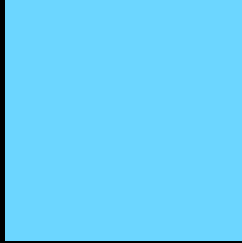
Large Text (above 18pt) WCAG AA × Fail

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 48.2809, 58.5013, 103.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

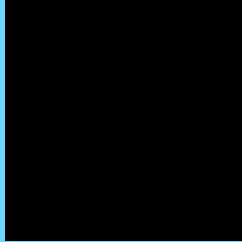
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2809, 58.5013, 103.3549

Background



This preview shows how black text looks on a background with the XYZ color 48.2809, 58.5013, 103.3549.

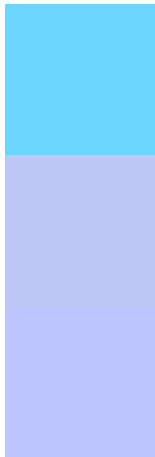


This preview shows how white text looks on a background with the XYZ color 48.2809, 58.5013,

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

48.2809, 58.5013, 103.3549

Protanopia

57.7584, 57.8670, 93.7132

Deuteranopia

59.0025, 57.9713, 102.6876



Tritanopia

45.0638, 58.3332, 87.4816

Trichromacy



Original Color

48.2809, 58.5013, 103.3549

Protanomaly

53.0333, 57.4366, 97.0982

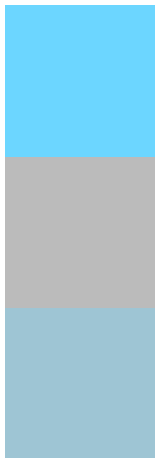
Deuteranomaly

53.9031, 57.4055, 102.8471

Tritanomaly

46.1764, 58.4061, 92.8442

Monochromacy



Original Color

48.2809, 58.5013, 103.3549

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.9505, 51.9551, 69.8938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2809, 58.5013, 103.3549 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(108, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 214, 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(108, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.2809, 58.5013, 103.3549 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(108, 214, 255) }
```


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

```
.border{ border-color:rgb(108, 214, 255) }
```

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

Here you see how a box with a 4 pixel rgb(108, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2809, 58.5013, 103.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 214, 255) }
```

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

```
.background{ background-color: rgb(108,  
214, 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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