

Converting Colors

XYZ(61.7429, 54.1688,
158.9770)

Have a look what the booklet for
XYZ(61.7429, 54.1688, 158.9770)
contains.

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Color

**XYZ(50.9160, 49.9173,
101.5592)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B9FF
RGB	165, 185, 255
RGB Percent	65%, 73%, 100%
CMY	0.3529, 0.2745, 0.0000
CMYK	0.35, 0.27, 0.00, 0.00
HSL	227°, 100%, 82%
HSV	227°, 35%, 100%
XYZ	50.9160, 49.9173, 101.5592
YIQ	187.0000, -34.3900, 17.5300

Conversions

Conversions Part 2

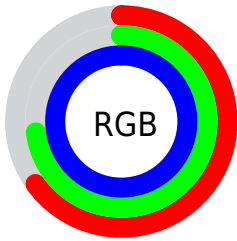
Format	Color
RYB	165, 181, 255
Decimal	10861055
CIELab	76.02, 9.45, -36.76
CIELCh	76, 37.953, 284.411
Yxy	49.9173, 0.2516, 0.2466
Android (android.graphics.Color)	4289051135 (0xFFA5B9FF)
YUV	187.0000, 33.5240, -19.2940
Hunter-Lab	70.6522, 4.9960, -35.7701

Details

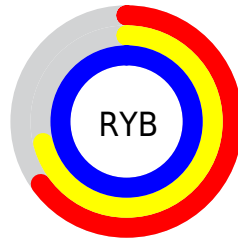
The XYZ color **50.9160, 49.9173, 101.5592** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7403, 83.3935, 47.5983**, and the grayscale version is **47.0663, 49.5174, 53.9245**.

A 20% lighter version of the original color is **79.6295, 85.6602, 106.9449**, and **24.8747, 23.8947, 56.7272** is the 20% darker color. If you saturate the color by 10%, you get **42.2677, 39.7242, 100.0475**, and if you desaturate by 10%, it is **61.2035, 61.8167, 103.3138**.

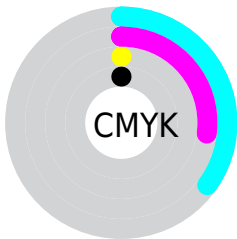
Distribution



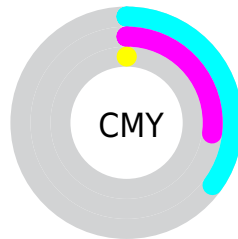
- Red (65%)
- Green (73%)
- Blue (100%)



- Red (65%)
- Yellow (71%)
- Blue (100%)



- Cyan (35%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9160, 49.9173, 101.5592 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 50.9160, 49.9173, 101.5592 by changing the saturation by 10% instead.

■ 50.9160, 49.9173,
101.5592

■ 50.9160, 49.9173,
101.5592

380.6304,
386.3424, 586.4694

■ 36.3625, 35.3477,
76.9792

■ 90.7143, 90.0523,
165.3688

■ 24.8857, 23.9308,
56.7243

■ 116.6899,
116.3865, 205.4354

■ 16.1202, 15.2823,
40.3761

147.2035,
147.4111, 251.5013

■ 9.7006, 9.0178,
27.5159

182.6206,
183.5103, 303.9851

■ 5.2617, 4.7528,
17.7252

223.3065,
225.0687, 363.3053

■ 2.4379, 2.1029,
10.5855

269.6265,

■ 0.8641, 0.6663,

272.4706, 429.8804

5.6782

321.9460,
326.1004, 504.1289

■ 0.0000, 0.0000,
2.5848

■ 0.0000, 0.0000,
0.8846

■ 50.9160, 49.9173,
101.5592

■ 50.9160, 49.9173,
101.5592

■ 42.2677, 39.7242,
100.0475

■ 61.2035, 61.8167,
103.3138

■ 35.1669, 31.1517,
98.7671

■ 73.2061, 75.4916,
105.3207

■ 29.5200, 24.1146,
97.7064

■ 87.0001, 91.0140,
107.5898

■ 25.2203, 18.5173,
96.8527

95.0500, 100.0000,
108.9000

■ 22.1460, 14.2524,
96.1915

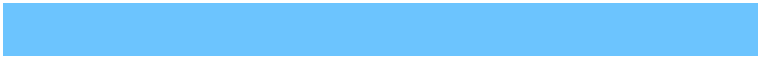
■ 20.1502, 11.1952,
95.7066

■ 19.4968, 10.1136,
95.5323

Harmonies

Analogous

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



43.8782, 49.9173, 101.2449



50.9160, 49.9173, 101.5592



57.6286, 49.9173, 87.2474

Triad

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



50.9160, 49.9173, 101.5592



57.8541, 49.9173, 31.3695



35.4981, 49.9173, 44.5289

Complementary

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



50.9160, 49.9173, 101.5592



77.7403, 83.3935, 47.5983

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.



38.5377, 49.9173, 30.9783



50.9160, 49.9173, 101.5592



51.1998, 49.9173, 24.7725

Square

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



50.9160, 49.9173, 101.5592



61.8964, 49.9173, 45.2100



44.1352, 49.9173, 24.6499



35.4384, 49.9173, 64.6489

Rectangle

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



50.9160, 49.9173, 101.5592



60.8195, 49.9173, 72.9990



44.1352, 49.9173, 24.6499



36.1906, 49.9173, 39.1852

Sweetspot

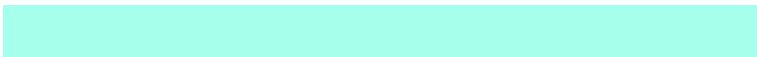
The Sweet Spot groups the original color and five complimentary colors.



50.9175, 49.9191, 101.5595



78.9037, 81.9246, 106.2621



66.1292, 85.4603, 90.8527



16.4957, 17.0924, 22.6797



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.



50.9175, 49.9191, 101.5595



44.9403, 42.8978, 100.5192



52.4928, 44.9508, 100.5174



17.3303, 18.0323, 22.8171



10.2774, 5.4643, 49.9476



1.0776, 0.6859, 4.8889

Inverse Universe

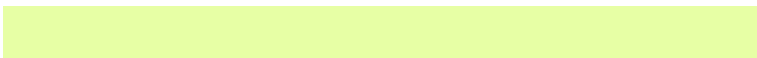
The Inverse Universe completely reimagines the original color for something new.



63.4531, 51.6745, 52.5307



59.2319, 45.3755, 44.5157



75.5072, 91.2258, 49.2278



18.1746, 18.0532, 19.5367



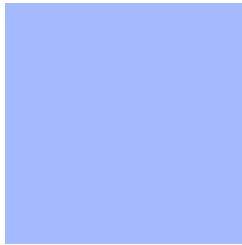
21.9757, 11.2796, 3.2568



2.1785, 1.1138, 0.5216

Previews

White Background



This preview shows how the XYZ color 50.9160, 49.9173, 101.5592 looks on a white background.

Color Contrast Check

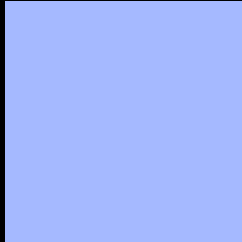
Large Text (above 18pt) WCAG AA × Fail

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 50.9160, 49.9173, 101.5592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

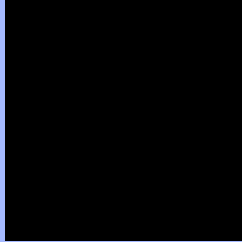
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9160, 49.9173, 101.5592

Background



This preview shows how black text looks on a background with the XYZ color 50.9160, 49.9173, 101.5592.



This preview shows how white text looks on a background with the XYZ color 50.9160, 49.9173,

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

50.9160, 49.9173, 101.5592

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.3353, 50.1334, 101.5788



Tritanopia

44.1268, 50.0570, 67.6578

Trichromacy



Original Color

50.9160, 49.9173, 101.5592

Protanomaly

51.1248, 50.0249, 101.5689

Deuteranomaly

51.1248, 50.0249, 101.5689

Tritanomaly

46.4588, 50.0217, 79.1580

Monochromacy



Original Color

50.9160, 49.9173, 101.5592

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0330, 49.4550, 69.3015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9160, 49.9173, 101.5592 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(165, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 185, 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(165, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 185, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.9160, 49.9173, 101.5592 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(165, 185, 255) }
```


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

```
.border{ border-color:rgb(165, 185, 255) }
```

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

Here you see how a box with a 4 pixel rgb(165, 185, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 185,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9160, 49.9173, 101.5592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 185, 255) }
```

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

```
.background{ background-color: rgb(165,  
185, 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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