

Converting Colors

XYZ(50.7925, 49.4358,
101.4728)

Have a look what the booklet for
XYZ(50.7925, 49.4358, 101.4728)
contains.

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Color

**XYZ(50.9164, 49.6080,
101.4995)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B8FF
RGB	166, 184, 255
RGB Percent	65%, 72%, 100%
CMY	0.3490, 0.2784, 0.0000
CMYK	0.35, 0.28, 0.00, 0.00
HSL	228°, 100%, 83%
HSV	228°, 35%, 100%
XYZ	50.9164, 49.6080, 101.4995
YIQ	186.7120, -33.5190, 18.2650

Conversions

Conversions Part 2

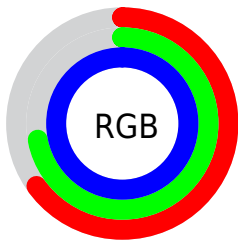
Format	Color
RYB	166, 181, 255
Decimal	10926335
CIELab	75.83, 10.27, -37.05
CIELCh	76, 38.445, 285.490
Yxy	49.6080, 0.2520, 0.2456
Android (android.graphics.Color)	4289116415 (0xFFA6B8FF)
YUV	186.7120, 33.6660, -18.1644
Hunter-Lab	70.4329, 5.7811, -36.1386

Details

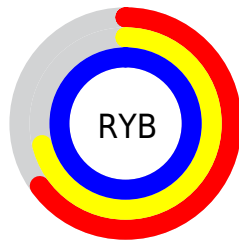
The XYZ color **50.9164, 49.6080, 101.4995** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.4076, 84.5820, 48.2717**, and the grayscale version is **46.9033, 49.3459, 53.7377**.

A 20% lighter version of the original color is **79.6415, 85.2282, 106.8609**, and **24.8649, 23.6893, 56.6881** is the 20% darker color. If you saturate the color by 10%, you get **42.1652, 39.2690, 99.9651**, and if you desaturate by 10%, it is **61.3380, 61.7122, 103.2865**.

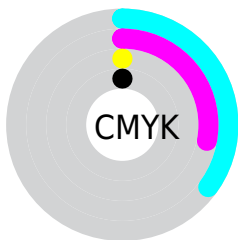
Distribution



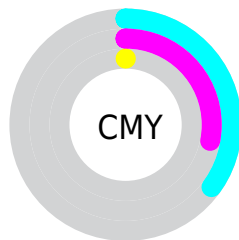
- Red (65%)
- Green (72%)
- Blue (100%)



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



- Cyan (35%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9164, 49.6080, 101.4995 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 50.9164, 49.6080, 101.4995 by changing the saturation by 10% instead.

■ 50.9164, 49.6080,
101.4995

■ 50.9164, 49.6080,
101.4995

380.6319,
385.1310, 586.2773

■ 36.3629, 35.1020,
76.9296

■ 90.7149, 89.5938,
165.2861

■ 24.8860, 23.7415,
56.6839

■ 116.6906,
115.8424, 205.3399

■ 16.1204, 15.1420,
40.3438

147.2043,
146.7740, 251.3921

■ 9.7008, 8.9191,
27.4909

182.6216,
182.7731, 303.8611

■ 5.2618, 4.6884,
17.7065

223.3076,
224.2239, 363.1656

■ 2.4380, 2.0656,
10.5723

269.6277,

■ 0.8641, 0.6452,

271.5109, 429.7241

5.6695

321.9474,
325.0184, 503.9552

■ 0.0000, 0.0000,
2.5796

■ 0.0000, 0.0000,
0.8819

■ 50.9164, 49.6080,
101.4995

■ 50.9164, 49.6080,
101.4995

■ 42.1652, 39.2690,
99.9651

■ 61.3380, 61.7122,
103.2865

■ 34.9911, 30.6057,
98.6710

■ 73.5076, 75.6546,
105.3363

■ 29.2983, 23.5287,
97.6051

■ 87.5031, 91.5103,
107.6591

■ 24.9784, 17.9378,
96.7536

■ 95.0500, 100.0000,
108.9000

■ 21.9073, 13.7202,
96.1014

■ 19.9358, 10.7452,
95.6310

■ 19.2591, 9.6381,
95.4530

Harmonies

Analogous

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



43.7917, 49.6080, 101.7652



50.9164, 49.6080, 101.4995



57.6433, 49.6080, 86.5614

Triad

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



50.9164, 49.6080, 101.4995



57.4534, 49.6080, 30.5326



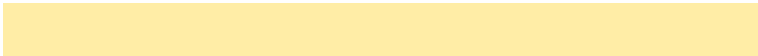
35.0613, 49.6080, 44.7438

Complementary

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



50.9164, 49.6080, 101.4995



78.4076, 84.5820, 48.2717

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.



38.0159, 49.6080, 30.8594



50.9164, 49.6080, 101.4995



50.6777, 49.6080, 24.1744

Square

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



50.9164, 49.6080, 101.4995



61.6692, 49.6080, 44.1724



43.5758, 49.6080, 24.2766



35.1112, 49.6080, 65.2200

Rectangle

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



50.9164, 49.6080, 101.4995



60.7897, 49.6080, 72.0379



43.5758, 49.6080, 24.2766



35.7218, 49.6080, 39.2802

Sweetspot

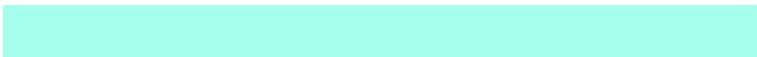
The Sweet Spot groups the original color and five complimentary colors.



50.9179, 49.6098, 101.4997



80.1332, 83.1810, 106.4398



66.5860, 85.6671, 92.1678



16.7354, 17.3320, 22.7133



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.



50.9179, 49.6098, 101.4997



44.5372, 42.0917, 100.3849



53.2280, 45.5987, 100.6038



17.3005, 17.9726, 22.8072



10.1466, 5.2027, 49.9040



1.0609, 0.6525, 4.8833

Inverse Universe

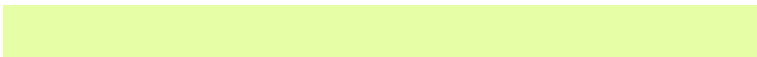
The Inverse Universe completely reimagines the original color for something new.



63.5290, 51.9947, 52.0369



59.0285, 45.2941, 43.4443



75.2073, 91.0607, 49.6909



18.1596, 18.0471, 19.4575



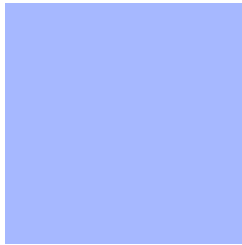
21.9097, 11.2532, 2.9091



2.1701, 1.1104, 0.4771

Previews

White Background



This preview shows how the XYZ color 50.9164, 49.6080, 101.4995 looks on a white background.

Color Contrast Check

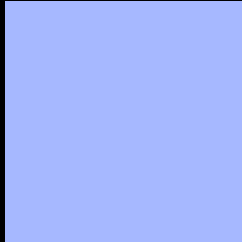
Large Text (above 18pt) WCAG AA × Fail

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 50.9164, 49.6080, 101.4995 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 50.9164, 49.6080, 101.4995

Background



This preview shows how black text looks on a background with the XYZ color 50.9164, 49.6080, 101.4995.



This preview shows how white text looks on a background with the XYZ color 50.9164, 49.6080,

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

50.9164, 49.6080, 101.4995

Protanopia

50.9164, 49.6080, 101.4995

Deuteranopia

50.9164, 49.6080, 101.4995



Tritanopia

43.9727, 49.6626, 66.9427

Trichromacy



Original Color

50.9164, 49.6080, 101.4995

Protanomaly

50.9164, 49.6080, 101.4995

Deuteranomaly

50.9164, 49.6080, 101.4995

Tritanomaly

46.3021, 49.6341, 78.3741

Monochromacy



Original Color

50.9164, 49.6080, 101.4995

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 50.9164, 49.6080, 101.4995 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(166, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 184, 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(166, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.9164, 49.6080, 101.4995 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(166, 184, 255) }
```


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

```
.border{ border-color:rgb(166, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9164, 49.6080, 101.4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 184, 255) }
```

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

```
.background{ background-color: rgb(166,  
184, 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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