

Converting Colors

XYZ(62.8209, 50.8732,
124.9393)

Have a look what the booklet for
XYZ(62.8209, 50.8732, 124.9393)
contains.

XYZ(58.2504, 49.0058, 100.9967)	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(58.2504, 49.0058,
100.9967)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A9FF
RGB	208, 169, 255
RGB Percent	82%, 66%, 100%
CMY	0.1843, 0.3372, 0.0000
CMYK	0.18, 0.34, 0.00, 0.00
HSL	267°, 100%, 83%
HSV	267°, 34%, 100%
XYZ	58.2504, 49.0058, 100.9967
YIQ	190.4650, -4.3620, 35.0140

Conversions

Conversions Part 2

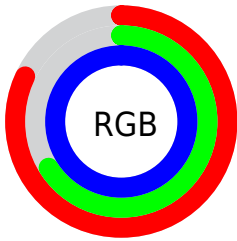
Format	Color
R _Y B	208, 169, 255
Decimal	13675007
CIE Lab	75.45, 30.51, -37.37
CIE LCh	75, 48.239, 309.226
Yxy	49.0058, 0.2797, 0.2353
Android (android.graphics.Color)	4291865087 (0xFFD0A9FF)
YUV	190.4650, 31.8158, 15.3782
Hunter-Lab	70.0041, 26.0225, -36.5362

Details

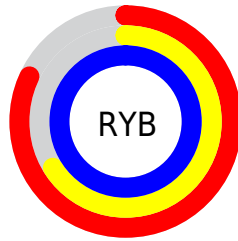
The XYZ color **58.2504, 49.0058, 100.9967** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.2411, 88.9839, 50.9589**, and the grayscale version is **49.0369, 51.5907, 56.1822**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **29.3873, 23.2434, 56.3636** is the 20% darker color. If you saturate the color by 10%, you get **50.2136, 38.4948, 99.3914**, and if you desaturate by 10%, it is **67.5596, 61.5482, 102.9270**.

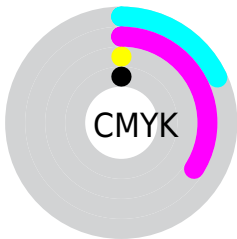
Distribution



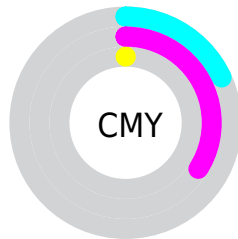
- Red (82%)
- Green (66%)
- Blue (100%)



- Red (82%)
- Yellow (66%)
- Blue (100%)



- Cyan (18%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2504, 49.0058, 100.9967 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 58.2504, 49.0058, 100.9967 by changing the saturation by 10% instead.

■ 58.2504, 49.0058,
100.9967

■ 58.2504, 49.0058,
100.9967

408.0572,
382.7652, 584.6574

■ 42.2540, 34.6241,
76.5117

■ 101.4083, 88.7001,
164.5900

■ 29.4922, 23.3734,
56.3430

■ 129.3005,
114.7814, 204.5354

■ 19.5997, 14.8695,
40.0722

161.8887,
145.5314, 250.4712

■ 12.2109, 8.7278,
27.2806

199.5383,
181.3345, 302.8162

■ 6.9607, 4.5641,
17.5498

242.6146,
222.5750, 361.9887

■ 3.4837, 1.9938,
10.4611

291.4829,

■ 1.4144, 0.6039,

269.6373, 428.4074

5.5962

346.5086,
322.9059, 502.4908

■ 0.2664, 0.0000,
2.5363

■ 0.0000, 0.0000,
0.8593

■ 58.2504, 49.0058,
100.9967

■ 58.2504, 49.0058,
100.9967

■ 50.2136, 38.4948,
99.3914

■ 67.5596, 61.5482,
102.9270

■ 43.3818, 29.8968,
98.0919

■ 78.1947, 76.2199,
105.1984

■ 37.6878, 23.0900,
97.0782

■ 90.2115, 93.1192,
107.8269

■ 33.0549, 17.9352,
96.3274

■ 95.0500, 100.0000,
108.9000

■ 29.3953, 14.2719,
95.8132

■ 26.6036, 11.9047,
95.5034

■ 25.2048, 10.9085,
95.3848

Harmonies

Analogous

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



49.3742, 49.0058, 117.7639



58.2504, 49.0058, 100.9967



64.4655, 49.0058, 72.6817

Triad

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



58.2504, 49.0058, 100.9967



52.9106, 49.0058, 19.4192



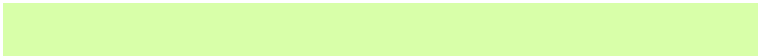
31.6567, 49.0058, 61.6019

Complementary

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



58.2504, 49.0058, 100.9967



71.2411, 88.9839, 50.9589

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.



32.3501, 49.0058, 37.8058



58.2504, 49.0058, 100.9967



43.8905, 49.0058, 18.1479

Square

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



58.2504, 49.0058, 100.9967



61.1204, 49.0058, 27.9950



36.5803, 49.0058, 23.7026



34.5481, 49.0058, 90.7057

Rectangle

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



58.2504, 49.0058, 100.9967



65.8541, 49.0058, 54.0234



36.5803, 49.0058, 23.7026



31.4872, 49.0058, 52.7000

Sweetspot

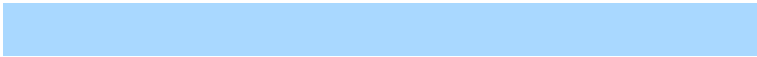
The Sweet Spot groups the original color and five complimentary colors.



58.2519, 49.0077, 100.9970



82.5054, 82.2478, 106.1347



59.0463, 64.9220, 104.0269



17.3065, 17.1096, 22.6403



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.



58.2519, 49.0077, 100.9970



53.0625, 42.1797, 99.9525



71.9145, 56.0510, 101.6364



17.7854, 17.7811, 22.7447



13.3369, 5.7859, 49.8484



1.4225, 0.6272, 4.8594

Inverse Universe

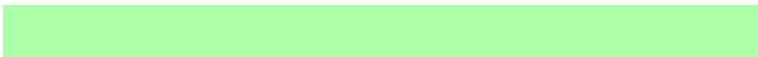
The Inverse Universe completely reimagines the original color for something new.



67.8236, 54.5954, 71.9299



64.1081, 48.6332, 66.1636



60.2227, 83.3036, 50.4433



18.4247, 18.1532, 20.8537



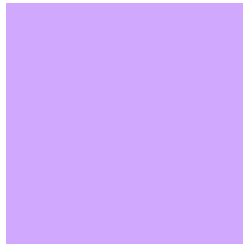
24.0739, 12.1189, 14.3057



2.3991, 1.2020, 1.6832

Previews

White Background



This preview shows how the XYZ color 58.2504, 49.0058, 100.9967 looks on a white background.

Color Contrast Check

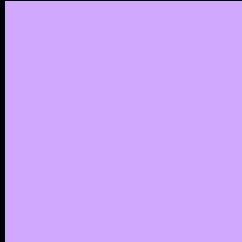
Large Text (above 18pt) WCAG AA × Fail

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 58.2504, 49.0058, 100.9967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

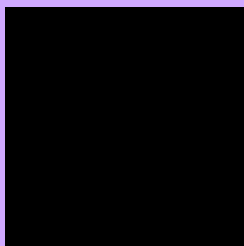
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2504, 49.0058, 100.9967

Background



This preview shows how black text looks on a background with the XYZ color 58.2504, 49.0058, 100.9967.



This preview shows how white text looks on a background with the XYZ color 58.2504, 49.0058,

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

58.2504, 49.0058, 100.9967

Protanopia

50.5003, 49.3935, 101.4800

Deuteranopia

50.4405, 49.1107, 98.9163



Tritanopia

49.6629, 48.9936, 58.4690

Trichromacy



Original Color

58.2504, 49.0058, 100.9967



Protanomaly

52.9925, 49.1635, 101.3042



Deuteranomaly

52.9414, 48.8777, 99.5725

Tritanomaly

52.6036, 49.0106, 72.3331

Monochromacy



Original Color

58.2504, 49.0058, 100.9967



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.8915, 50.1813, 70.5693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2504, 49.0058, 100.9967 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(208, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 169, 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(208, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 169, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.2504, 49.0058, 100.9967 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(208, 169, 255) }
```


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

```
.border{ border-color:rgb(208, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 169,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2504, 49.0058, 100.9967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 169, 255) }
```

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

```
.background{ background-color: rgb(208,  
169, 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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