

Converting Colors

XYZ(58.5365, 50.3890,
101.2486)

Have a look what the booklet for
XYZ(58.5365, 50.3890, 101.2486)
contains.

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Color

**XYZ(58.4472, 50.2290,
101.2224)**

Conversions

Conversions Part 1

Format	Color
Hex	CEADFF
RGB	206, 173, 255
RGB Percent	81%, 68%, 100%
CMY	0.1921, 0.3216, 0.0000
CMYK	0.19, 0.32, 0.00, 0.00
HSL	264°, 100%, 84%
HSV	264°, 32%, 100%
XYZ	58.4472, 50.2290, 101.2224
YIQ	192.2150, -6.6540, 32.4980

Conversions

Conversions Part 2

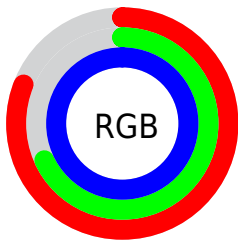
Format	Color
R _Y B	206, 173, 255
Decimal	13544959
CIE Lab	76.21, 27.73, -36.21
CIE LCh	76, 45.611, 307.443
Yxy	50.2290, 0.2785, 0.2393
Android (android.graphics.Color)	4291735039 (0xFFCEADFF)
YUV	192.2150, 30.9530, 12.0894
Hunter-Lab	70.8724, 23.1790, -35.0693

Details

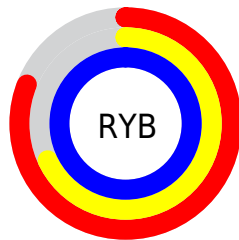
The XYZ color **58.4472, 50.2290, 101.2224** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.4279, 90.0671, 53.0520**, and the grayscale version is **50.0576, 52.6644, 57.3516**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **29.6720, 24.0895, 56.5119** is the 20% darker color. If you saturate the color by 10%, you get **49.9891, 39.2905, 99.5569**, and if you desaturate by 10%, it is **68.2516, 63.2490, 103.2188**.

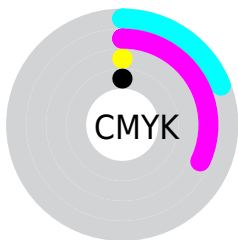
Distribution



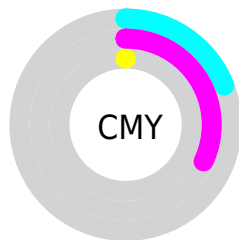
- Red (81%)
- Green (68%)
- Blue (100%)



- Red (81%)
- Yellow (68%)
- Blue (100%)



- Cyan (19%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4472, 50.2290, 101.2224 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 58.4472, 50.2290, 101.2224 by changing the saturation by 10% instead.

■ 58.4472, 50.2290,
101.2224

■ 58.4472, 50.2290,
101.2224

408.7773,
387.5608, 585.3848

■ 42.4129, 35.5954,
76.6992

■ 101.6930, 90.5141,
164.9025

■ 29.6173, 24.1219,
56.4960

129.6353,
116.9343, 204.8966

■ 19.6949, 15.4240,
40.1941

162.2776,
148.0523, 250.8847

■ 12.2804, 9.1175,
27.3749

199.9853,
184.2523, 303.2854

■ 7.0085, 4.8179,
17.6201

243.1238,
225.9187, 362.5172

■ 3.5138, 2.1408,
10.5110

292.0584,

■ 1.4309, 0.6874,

273.4360, 428.9987

5.6290

347.1544,
327.1886, 503.1484

■ 0.2781, 0.0000,
2.5557

■ 0.0000, 0.0000,
0.8695

■ 58.4472, 50.2290,
101.2224

■ 58.4472, 50.2290,
101.2224

■ 49.9891, 39.2905,
99.5569

■ 68.2516, 63.2490,
103.2188

■ 42.8078, 30.3152,
98.2029

■ 79.4579, 78.4484,
105.5619

■ 36.8342, 23.1815,
97.1408

■ 92.1239, 95.9260,
108.2679

■ 31.9897, 17.7515,
96.3481

95.0500, 100.0000,
108.9000

■ 28.1851, 13.8666,
95.7987

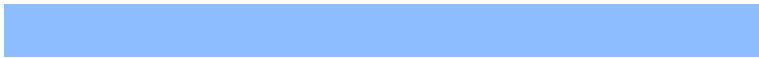
■ 25.3149, 11.3366,
95.4617

■ 23.6003, 10.0813,
95.3098

Harmonies

Analogous

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



49.9022, 50.2290, 115.9023



58.4472, 50.2290, 101.2224



64.5852, 50.2290, 74.8073

Triad

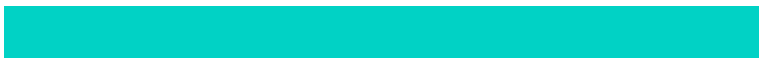
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.4472, 50.2290, 101.2224



54.3276, 50.2290, 21.7206



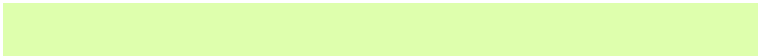
33.2279, 50.2290, 61.0181

Complementary

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



58.4472, 50.2290, 101.2224



73.4279, 90.0671, 53.0520

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.



34.1143, 50.2290, 38.5486



58.4472, 50.2290, 101.2224



45.6435, 50.2290, 20.0349

Square

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



58.4472, 50.2290, 101.2224



62.0156, 50.2290, 30.7741



38.4295, 50.2290, 25.1847



35.8446, 50.2290, 88.5910

Rectangle

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



58.4472, 50.2290, 101.2224



66.1150, 50.2290, 56.8176



38.4295, 50.2290, 25.1847



33.1320, 50.2290, 52.6178

Sweetspot

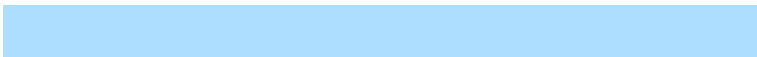
The Sweet Spot groups the original color and five complimentary colors.



58.4487, 50.2310, 101.2227



82.0624, 82.0194, 106.1139



61.4594, 68.4545, 104.5815



17.1995, 17.0545, 22.6353



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.



58.4487, 50.2310, 101.2227



52.5171, 42.5247, 100.0479



71.2818, 56.8467, 101.8233



17.6950, 17.7345, 22.7404



12.4894, 5.3490, 49.8088



1.3356, 0.5824, 4.8553

Inverse Universe

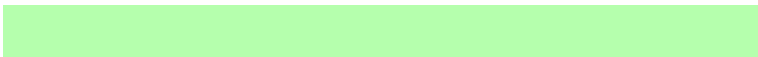
The Inverse Universe completely reimagines the original color for something new.



69.3694, 56.4228, 76.3428



65.3159, 49.7913, 70.4428



62.4071, 84.3857, 52.5362



18.4651, 18.1693, 21.0662



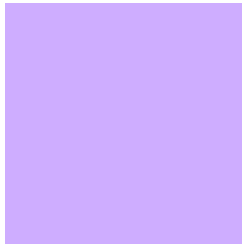
24.6022, 12.3302, 17.0875



2.4495, 1.2222, 1.9485

Previews

White Background



This preview shows how the XYZ color 58.4472, 50.2290, 101.2224 looks on a white background.

Color Contrast Check

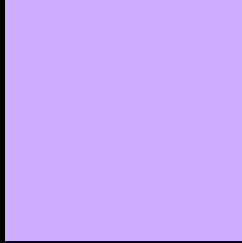
Large Text (above 18pt) WCAG AA × Fail

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 58.4472, 50.2290, 101.2224 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 58.4472, 50.2290, 101.2224

Background



This preview shows how black text looks on a background with the XYZ color 58.4472, 50.2290, 101.2224.



This preview shows how white text looks on a background with the XYZ color 58.4472, 50.2290,

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

58.4472, 50.2290, 101.2224

Protanopia

51.5453, 50.5533, 101.6488

Deuteranopia

51.6561, 50.3358, 99.9217



Tritanopia

50.2142, 50.1403, 61.0643

Trichromacy



Original Color

58.4472, 50.2290, 101.2224

Protanomaly

53.6299, 50.0915, 101.4498

Deuteranomaly

53.9417, 50.2708, 100.6261

Tritanomaly

52.9269, 50.0363, 73.8863

Monochromacy



Original Color

58.4472, 50.2290, 101.2224

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.6407, 51.4745, 71.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4472, 50.2290, 101.2224 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(206, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 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(206, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.4472, 50.2290, 101.2224 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(206, 173, 255) }
```


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

```
.border{ border-color:rgb(206, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4472, 50.2290, 101.2224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 255) }
```

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

```
.background{ background-color: rgb(206,  
173, 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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