

Converting Colors

XYZ(55.3399, 47.4401, 98.1415)

Have a look what the booklet for
XYZ(55.3399, 47.4401, 98.1415)
contains.

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Color

**XYZ(55.5781, 47.6836,
98.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A9FC
RGB	200, 169, 252
RGB Percent	78%, 66%, 99%
CMY	0.2157, 0.3372, 0.0118
CMYK	0.21, 0.33, 0.00, 0.01
HSL	262°, 93%, 83%
HSV	262°, 33%, 99%
XYZ	55.5781, 47.6836, 98.3700
YIQ	187.7310, -8.1670, 32.3850

Conversions

Conversions Part 2

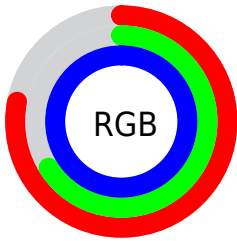
Format	Color
R _Y B	200, 169, 252
Decimal	13150716
CIE Lab	74.62, 27.49, -37.09
CIE LCh	75, 46.168, 306.538
Yxy	47.6836, 0.2756, 0.2365
Android (android.graphics.Color)	4291340796 (0xFFC8A9FC)
YUV	187.7310, 31.6846, 10.7599
Hunter-Lab	69.0533, 22.8238, -36.1243

Details

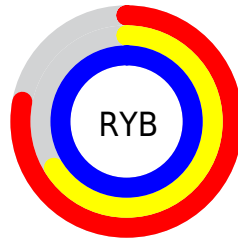
The XYZ color **55.5781, 47.6836, 98.3700** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.7919, 87.8586, 50.7127**, and the grayscale version is **47.4782, 49.9508, 54.3964**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **27.8887, 22.6825, 54.5380** is the 20% darker color. If you saturate the color by 10%, you get **47.3331, 37.1324, 96.7688**, and if you desaturate by 10%, it is **65.1652, 60.2699, 100.2949**.

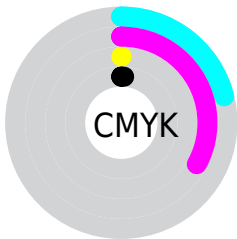
Distribution



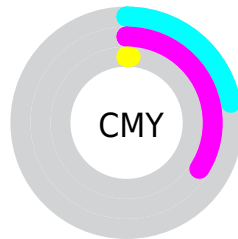
- Red (78%)
- Green (66%)
- Blue (99%)



- Red (78%)
- Yellow (66%)
- Blue (99%)



- Cyan (21%)
- Magenta (33%)
- Yellow (0%)
- Black (1%)





- Cyan (22%)
- Magenta (34%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5781, 47.6836, 98.3700 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 55.5781, 47.6836, 98.3700 by changing the saturation by 10% instead.


 55.5781, 47.6836,
98.3700


 55.5781, 47.6836,
98.3700


398.2004,
377.5366, 576.1560

 40.1004, 33.5764,
74.3307

 97.5308, 86.7331,
160.9477

 27.8014, 22.5684,
54.5663

 124.7366,
112.4442, 200.3231

 18.3157, 14.2751,
38.6583


156.5825,
142.7921, 245.6476

 11.2779, 8.3123,
26.1883

193.4338,
178.1611, 297.3398

 6.3228, 4.2954,
16.7375

235.6559,
218.9357, 355.8182

 3.0848, 1.8401,
9.8875

283.6141,

 1.1988, 0.5120,

265.5002, 421.5014

5.2198

337.6738,
318.2390, 494.8078

■ 0.1054, 0.0000,
2.3158

■ 0.0000, 0.0000,
0.7401

■ 55.5781, 47.6836,
98.3700

■ 55.5781, 47.6836,
98.3700

■ 47.3331, 37.1324,
96.7688

■ 65.1652, 60.2699,
100.2949

■ 40.3601, 28.4996,
95.4700

■ 76.1501, 74.9880,
102.5568

■ 34.5895, 21.6653,
94.4550

■ 88.5910, 91.9349,
105.1722

■ 29.9424, 16.4930,
93.7016

■ 94.5708, 99.8083,
106.3767

■ 26.3288, 12.8258,
93.1842

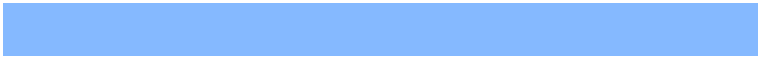
■ 23.6420, 10.4745,
92.8719

■ 22.1993, 9.4144,
92.7434

Harmonies

Analogous

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



47.1763, 47.6836, 112.3784



55.5781, 47.6836, 98.3700



61.7190, 47.6836, 72.4828

Triad

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



55.5781, 47.6836, 98.3700



52.0256, 47.6836, 20.1107



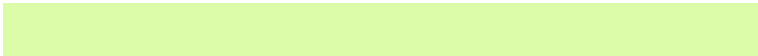
31.1578, 47.6836, 57.3380

Complementary

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



55.5781, 47.6836, 98.3700



71.7919, 87.8586, 50.7127

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.



32.1211, 47.6836, 35.6670



55.5781, 47.6836, 98.3700



43.5166, 47.6836, 18.3049

Square

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



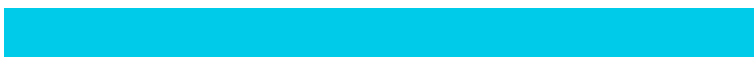
55.5781, 47.6836, 98.3700



59.4982, 47.6836, 29.0568



36.4120, 47.6836, 23.0258



33.5977, 47.6836, 84.4220

Rectangle

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



55.5781, 47.6836, 98.3700



63.3291, 47.6836, 54.7483



36.4120, 47.6836, 23.0258



31.0993, 47.6836, 49.1896

Sweetspot

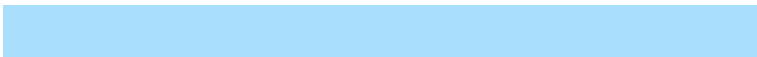
The Sweet Spot groups the original color and five complimentary colors.



55.5797, 47.6855, 98.3711



81.8126, 81.8906, 106.1022



59.9408, 67.4775, 101.9615



17.1393, 17.0235, 22.6325



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.



55.5797, 47.6855, 98.3711



50.9513, 41.0913, 99.8537



68.0129, 54.0951, 98.9529



16.8955, 16.9587, 21.7682



11.7132, 4.9811, 48.3176



1.1978, 0.5196, 4.4803

Inverse Universe

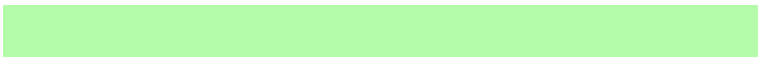
The Inverse Universe completely reimagines the original color for something new.



67.3854, 54.2936, 75.3362



65.1431, 49.0472, 71.6136



60.8113, 82.1978, 50.1988



17.7020, 17.4082, 20.2867



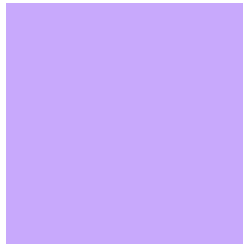
24.1951, 12.0938, 18.2678



2.2922, 1.1406, 1.9622

Previews

White Background



This preview shows how the XYZ color 55.5781, 47.6836, 98.3700 looks on a white background.

Color Contrast Check

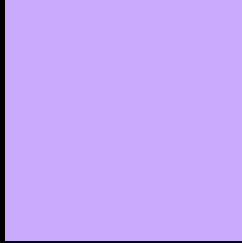
Large Text (above 18pt) WCAG AA × Fail

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 55.5781, 47.6836, 98.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

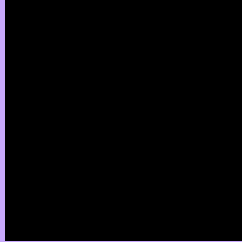
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5781, 47.6836, 98.3700

Background



This preview shows how black text looks on a background with the XYZ color 55.5781, 47.6836, 98.3700.



This preview shows how white text looks on a background with the XYZ color 55.5781, 47.6836,

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

55.5781, 47.6836, 98.3700

Protanopia

49.2718, 47.8448, 101.2458

Deuteranopia

49.0890, 47.8424, 97.0897



Tritanopia

47.4068, 47.5298, 58.3053

Trichromacy



Original Color

55.5781, 47.6836, 98.3700

Protanomaly

51.2907, 47.7140, 100.2723

Deuteranomaly

51.2662, 47.7564, 97.7827

Tritanomaly

50.1681, 47.4779, 71.4857

Monochromacy



Original Color

55.5781, 47.6836, 98.3700

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.0200, 48.9574, 68.4414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5781, 47.6836, 98.3700 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(200, 169, 252)` looks like.

```
.text, #text, p{  
    color:rgb(200, 169, 252)  
}
```

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(200, 169, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 169, 252) }
```

Border

The CSS property to change the border of an element to XYZ 55.5781, 47.6836, 98.3700 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(200, 169, 252) }
```


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

```
.border{ border-color:rgb(200, 169, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 169, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 169, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 169, 252);  
box-shadow:4px 4px 4px 4px rgb(200, 169,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5781, 47.6836, 98.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 169, 252) }
```

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

```
.background{ background-color: rgb(200,  
169, 252) }
```

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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