

Converting Colors

XYZ(72.1020, 54.9772,
190.7632)

Have a look what the booklet for
XYZ(72.1020, 54.9772, 190.7632)
contains.

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Color

**XYZ(55.0507, 48.1944,
101.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	C2ACFF
RGB	194, 172, 255
RGB Percent	76%, 67%, 100%
CMY	0.2392, 0.3255, 0.0000
CMYK	0.24, 0.33, 0.00, 0.00
HSL	256°, 100%, 84%
HSV	256°, 33%, 100%
XYZ	55.0507, 48.1944, 101.0087
YIQ	188.0400, -13.5310, 30.4770

Conversions

Conversions Part 2

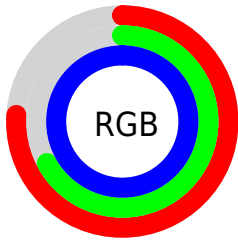
Format	Color
RYB	194, 172, 255
Decimal	12758271
CIELab	74.95, 24.77, -38.25
CIELCh	75, 45.571, 302.925
Yxy	48.1944, 0.2695, 0.2360
Android (android.graphics.Color)	4290948351 (0xFFC2ACFF)
YUV	188.0400, 33.0113, 5.2269
Hunter-Lab	69.4222, 20.0589, -37.6709

Details

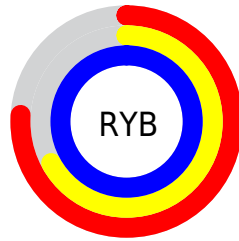
The XYZ color **55.0507, 48.1944, 101.0087** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **76.8112, 91.8224, 52.7068**, and the grayscale version is **47.6480, 50.1294, 54.5909**.

A 20% lighter version of the original color is **85.9383, 83.4023, 106.1766**, and **27.5570, 22.9991, 56.4129** is the 20% darker color. If you saturate the color by 10%, you get **46.1449, 37.0778, 99.3324**, and if you desaturate by 10%, it is **65.4972, 61.4896, 103.0243**.

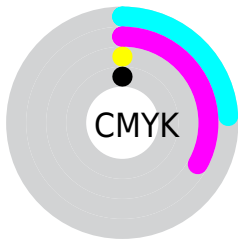
Distribution



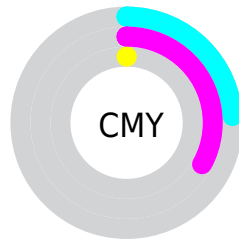
- Red (76%)
- Green (67%)
- Blue (100%)



- Red (76%)
- Yellow (67%)
- Blue (100%)



- Cyan (24%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0507, 48.1944, 101.0087 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 55.0507, 48.1944, 101.0087 by changing the saturation by 10% instead.

■ 55.0507, 48.1944,
101.0087

■ 55.0507, 48.1944,
101.0087

396.2374,
379.5622, 584.6961

■ 39.6763, 33.9809,
76.5216

■ 96.7631, 87.4938,
164.6066

■ 27.4694, 22.8789,
56.3511

123.8319,
113.3484, 204.5546

■ 18.0644, 14.5041,
40.0786

155.5295,
143.8522, 250.4932

■ 11.0962, 8.4721,
27.2856

192.2212,
179.3895, 302.8411

■ 6.1994, 4.3985,
17.5535

234.2726,
220.3448, 362.0168

■ 3.0085, 1.8989,
10.4638

282.0488,

■ 1.1583, 0.5477,

267.1024, 428.4389

5.5979

335.9153,
320.0467, 502.5258

■ 0.0730, 0.0000,
2.5374

■ 0.0000, 0.0000,
0.8599

■ 55.0507, 48.1944,
101.0087

■ 55.0507, 48.1944,
101.0087

■ 46.1449, 37.0778,
99.3324

■ 65.4972, 61.4896,
103.0243

■ 38.6993, 28.0157,
97.9756

■ 77.5504, 77.0671,
105.3958

■ 32.6327, 20.8801,
96.9181

■ 91.2778, 95.0307,
108.1397

■ 27.8536, 15.5255,
96.1364

■ 95.0500, 100.0000,
108.9000

■ 24.2582, 11.7855,
95.6040

■ 21.7243, 9.4600,
95.2887

■ 20.4055, 8.4343,
95.1602

Harmonies

Analogous

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



46.6274, 48.1944, 112.7125



55.0507, 48.1944, 101.0087



61.5550, 48.1944, 76.1758

Triad

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



55.0507, 48.1944, 101.0087



53.4701, 48.1944, 21.3702



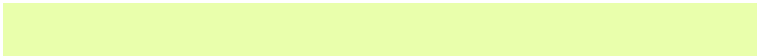
31.6335, 48.1944, 54.8449

Complementary

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



55.0507, 48.1944, 101.0087



76.8112, 91.8224, 52.7068

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.



33.0044, 48.1944, 34.2845



55.0507, 48.1944, 101.0087



44.9970, 48.1944, 18.7622

Square

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



55.0507, 48.1944, 101.0087



60.5676, 48.1944, 31.3290



37.6613, 48.1944, 22.6788



33.6639, 48.1944, 81.4785

Rectangle

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



55.0507, 48.1944, 101.0087



63.5601, 48.1944, 58.3148



37.6613, 48.1944, 22.6788



31.7124, 48.1944, 47.0396

Sweetspot

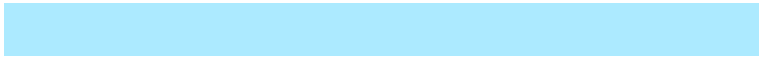
The Sweet Spot groups the original color and five complimentary colors.



55.0522, 48.1963, 101.0090



80.8860, 81.4130, 106.0589



64.5584, 74.9797, 105.6777



16.9162, 16.9084, 22.6220



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.



55.0522, 48.1963, 101.0090



49.1334, 40.7804, 99.8895



66.8174, 54.2614, 101.5596



17.4545, 17.6105, 22.7292



10.7814, 4.4685, 49.7288



1.1477, 0.4856, 4.8465

Inverse Universe

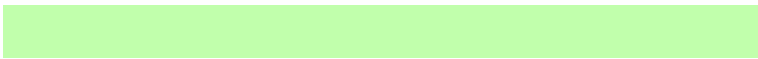
The Inverse Universe completely reimagines the original color for something new.



70.7013, 56.6497, 84.2994



67.1456, 50.5232, 80.0780



65.1361, 85.8037, 52.1604



18.5750, 18.2133, 21.6452



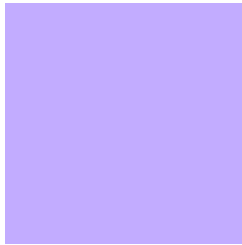
26.3236, 13.0187, 26.1520



2.6082, 1.2857, 2.7844

Previews

White Background



This preview shows how the XYZ color 55.0507, 48.1944, 101.0087 looks on a white background.

Color Contrast Check

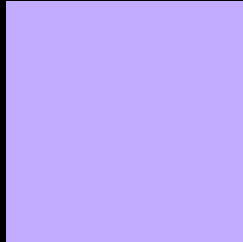
Large Text (above 18pt) WCAG AA × Fail

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 55.0507, 48.1944, 101.0087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

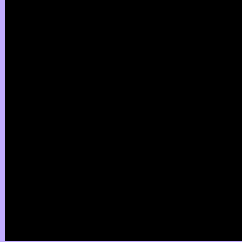
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0507, 48.1944, 101.0087

Background



This preview shows how black text looks on a background with the XYZ color 55.0507, 48.1944, 101.0087.

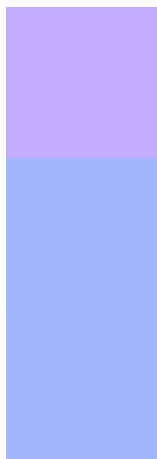


This preview shows how white text looks on a background with the XYZ color 55.0507, 48.1944,

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

55.0507, 48.1944, 101.0087

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.5618, 48.3343, 99.6458



Tritanopia

46.6550, 48.0115, 60.2342

Trichromacy



Original Color

55.0507, 48.1944, 101.0087

Protanomaly

51.4260, 48.0595, 101.1737

Deuteranomaly

51.2653, 47.9952, 100.3280

Tritanomaly

49.3998, 47.9195, 73.6636

Monochromacy



Original Color

55.0507, 48.1944, 101.0087

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.8468, 49.1565, 69.1483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0507, 48.1944, 101.0087 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(194, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 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(194, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.0507, 48.1944, 101.0087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

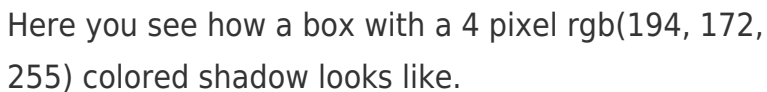
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 172, 255) }
```


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

```
.border{ border-color:rgb(194, 172, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0507, 48.1944, 101.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 255) }
```

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

```
.background{ background-color: rgb(194,  
172, 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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