

Converting Colors

XYZ(55.5569, 49.8872,
101.0982)

Have a look what the booklet for
XYZ(55.5569, 49.8872, 101.0982)
contains.

XYZ(55.5104, 49.8707, 101.3080)	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(55.5104, 49.8707,
101.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B1FF
RGB	192, 177, 255
RGB Percent	75%, 69%, 100%
CMY	0.2470, 0.3059, 0.0000
CMYK	0.25, 0.31, 0.00, 0.00
HSL	252°, 100%, 85%
HSV	252°, 31%, 100%
XYZ	55.5104, 49.8707, 101.3080
YIQ	190.3770, -16.0980, 27.4380

Conversions

Conversions Part 2

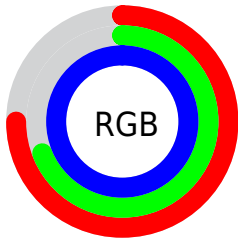
Format	Color
R_{YB}	192, 177, 255
Decimal	12628479
CIE _{Lab}	75.99, 21.43, -36.65
CIE _{LCh}	76, 42.455, 300.322
Yxy	49.8707, 0.2686, 0.2413
Android (android.graphics.Color)	4290818559 (0xFFC0B1FF)
YUV	190.3770, 31.8591, 1.4234
Hunter-Lab	70.6192, 16.7268, -35.6221

Details

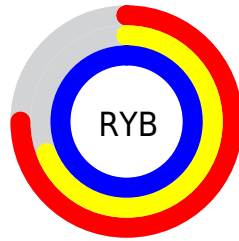
The XYZ color **55.5104, 49.8707, 101.3080** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.6314, 93.2198, 55.3931**, and the grayscale version is **48.9908, 51.5421, 56.1294**.

A 20% lighter version of the original color is **86.2558, 85.6376, 106.5913**, and **27.7172, 23.8109, 56.5612** is the 20% darker color. If you saturate the color by 10%, you get **46.0813, 38.2194, 99.5561**, and if you desaturate by 10%, it is **66.6134, 63.7841, 103.4084**.

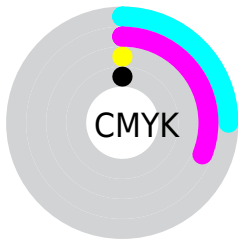
Distribution



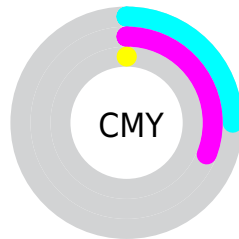
- Red (75%)
- Green (69%)
- Blue (100%)



- Red (75%)
- Yellow (69%)
- Blue (100%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5104, 49.8707, 101.3080 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 55.5104, 49.8707, 101.3080 by changing the saturation by 10% instead.

■ 55.5104, 49.8707,
101.3080

■ 55.5104, 49.8707,
101.3080

397.9488,
386.1601, 585.6606

■ 40.0460, 35.3107,
76.7704

■ 97.4323, 89.9833,
165.0210

■ 27.7588, 23.9023,
56.5540

124.6206,
116.3046, 205.0336

■ 18.2834, 15.2612,
40.2403

156.4474,
147.3152, 251.0415

■ 11.2546, 9.0029,
27.4107

193.2783,
183.3993, 303.4633

■ 6.3069, 4.7431,
17.6468

235.4785,
224.9415, 362.7176

■ 3.0750, 2.0973,
10.5299

283.4134,

■ 1.1935, 0.6631,

272.3261, 429.2228

5.6415

337.4484,
325.9375, 503.3977

■ 0.1013, 0.0000,
2.5631

■ 0.0000, 0.0000,
0.8733

■ 55.5104, 49.8707,
101.3080

■ 55.5104, 49.8707,
101.3080

■ 46.0813, 38.2194,
99.5561

■ 66.6134, 63.7841,
103.4084

■ 38.2388, 28.7039,
98.1327

■ 79.4625, 80.0653,
105.8738

■ 31.8946, 21.1941,
97.0176

■ 94.1312, 98.8205,
108.7208

■ 26.9495, 15.5433,
96.1875

■ 95.0500, 100.0000,
108.9000

■ 23.2916, 11.5840,
95.6161

■ 20.7905, 9.1178,
95.2719

■ 19.3186, 7.8740,
95.1094

Harmonies

Analogous

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



47.4862, 49.8707, 110.6186



55.5104, 49.8707, 101.3080



61.8977, 49.8707, 78.8788

Triad

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



55.5104, 49.8707, 101.3080



55.3460, 49.8707, 24.5433



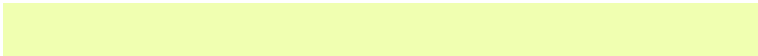
33.7471, 49.8707, 54.5460

Complementary

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



55.5104, 49.8707, 101.3080



79.6314, 93.2198, 55.3931

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.



35.3646, 49.8707, 35.4455



55.5104, 49.8707, 101.3080



47.3151, 49.8707, 21.3265

Square

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



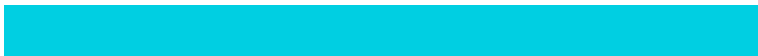
55.5104, 49.8707, 101.3080



61.7956, 49.8707, 35.1273



40.1218, 49.8707, 24.6878



35.4350, 49.8707, 79.4241

Rectangle

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



55.5104, 49.8707, 101.3080



64.0495, 49.8707, 61.9662



40.1218, 49.8707, 24.6878



33.9200, 49.8707, 47.2950

Sweetspot

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



55.5119, 49.8726, 101.3083



81.6669, 82.8737, 106.2997



67.5490, 79.3011, 106.3542



17.0471, 17.1867, 22.6688



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.



55.5119, 49.8726, 101.3083



49.2768, 42.1468, 100.1457



66.5027, 55.5386, 101.8227



17.3290, 17.5458, 22.7233



10.1866, 4.1619, 49.7010



1.0736, 0.4474, 4.8430

Inverse Universe

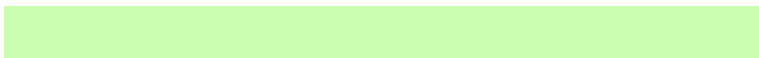
The Inverse Universe completely reimagines the original color for something new.



72.6911, 58.9970, 89.9946



69.1887, 52.7335, 86.5418



67.9729, 87.2096, 54.8474



18.6341, 18.2369, 21.9561



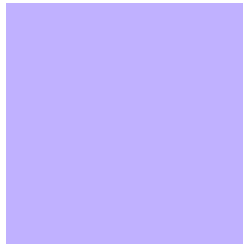
27.4208, 13.4576, 31.9298



2.7065, 1.3250, 3.3020

Previews

White Background



This preview shows how the XYZ color 55.5104, 49.8707, 101.3080 looks on a white background.

Color Contrast Check

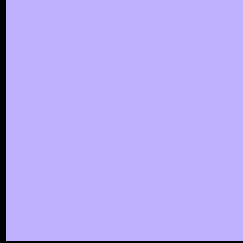
Large Text (above 18pt) WCAG AA × Fail

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 55.5104, 49.8707, 101.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

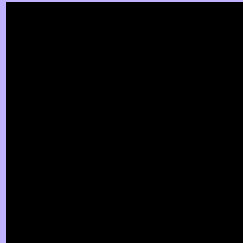
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5104, 49.8707, 101.3080

Background



This preview shows how black text looks on a background with the XYZ color 55.5104, 49.8707, 101.3080.



This preview shows how white text looks on a background with the XYZ color 55.5104, 49.8707,

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

55.5104, 49.8707, 101.3080

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.2270, 50.1146, 99.9016



Tritanopia

47.7224, 49.7500, 62.9646

Trichromacy



Original Color

55.5104, 49.8707, 101.3080

Protanomaly

52.6824, 49.9060, 101.4639

Deuteranomaly

52.7488, 49.9588, 100.6288

Tritanomaly

50.2343, 49.5265, 75.3186

Monochromacy



Original Color

55.5104, 49.8707, 101.3080

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.9724, 50.6293, 70.7042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5104, 49.8707, 101.3080 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(192, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 177, 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(192, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.5104, 49.8707, 101.3080 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(192, 177, 255) }
```


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

```
.border{ border-color:rgb(192, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5104, 49.8707, 101.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 177, 255) }
```

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

```
.background{ background-color: rgb(192,  
177, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor