

Converting Colors

XYZ(55.3136, 49.4771,
101.2424)

Have a look what the booklet for
XYZ(55.3136, 49.4771, 101.2424)
contains.

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Color

**XYZ(55.3136, 49.4771,
101.2424)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B0FF
RGB	192, 176, 255
RGB Percent	75%, 69%, 100%
CMY	0.2470, 0.3098, 0.0000
CMYK	0.25, 0.31, 0.00, 0.00
HSL	252°, 100%, 85%
HSV	252°, 31%, 100%
XYZ	55.3136, 49.4771, 101.2424
YIQ	189.7900, -15.8230, 27.9610

Conversions

Conversions Part 2

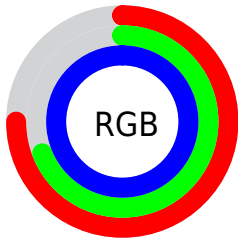
Format	Color
RYB	192, 176, 255
Decimal	12628223
CIELab	75.75, 21.98, -37.02
CIElCh	76, 43.059, 300.702
Yxy	49.4771, 0.2685, 0.2401
Android (android.graphics.Color)	4290818303 (0xFFC0B0FF)
YUV	189.7900, 32.1485, 1.9382
Hunter-Lab	70.3400, 17.2730, -36.0999

Details

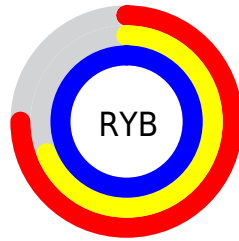
The XYZ color **55.3136, 49.4771, 101.2424** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.1935, 93.0055, 54.8541**, and the grayscale version is **48.6516, 51.1853, 55.7408**.

A 20% lighter version of the original color is **85.9735, 85.0730, 106.4972**, and **27.5925, 23.5615, 56.5196** is the 20% darker color. If you saturate the color by 10%, you get **45.9774, 37.9269, 99.5051**, and if you desaturate by 10%, it is **66.3034, 63.2759, 103.3267**.

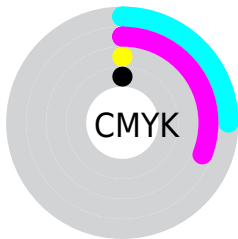
Distribution



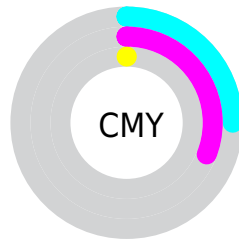
- Red (75%)
- Green (69%)
- Blue (100%)



- 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 55.3136, 49.4771, 101.2424 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 55.3136, 49.4771, 101.2424 by changing the saturation by 10% instead.

■ 55.3136, 49.4771,
101.2424

■ 55.3136, 49.4771,
101.2424

397.2167,
384.6175, 585.4493

■ 39.8877, 34.9981,
76.7159

■ 97.1459, 89.3996,
164.9302

■ 27.6348, 23.6614,
56.5095

124.2830,
115.6120, 204.9286

■ 18.1896, 15.0826,
40.2049

156.0546,
146.5042, 250.9213

■ 11.1867, 8.8774,
27.3833

192.8260,
182.4607, 303.3269

■ 6.2608, 4.6613,
17.6263

234.9625,
223.8659, 362.5640

■ 3.0465, 2.0499,
10.5154

282.8296,

■ 1.1784, 0.6362,

271.1042, 429.0511

5.6319

336.7925,
324.5599, 503.2066

■ 0.0892, 0.0000,
2.5575

■ 0.0000, 0.0000,
0.8704

■ 55.3136, 49.4771,
101.2424

■ 55.3136, 49.4771,
101.2424

■ 45.9774, 37.9269,
99.5051

■ 66.3034, 63.2759,
103.3267

■ 38.2084, 28.4994,
98.0949

■ 79.0180, 79.4290,
105.7744

■ 31.9194, 21.0645,
96.9913

■ 93.5302, 98.0419,
108.6022

■ 27.0121, 15.4757,
96.1711

■ 95.0500, 100.0000,
108.9000

■ 23.3760, 11.5654,
95.6080

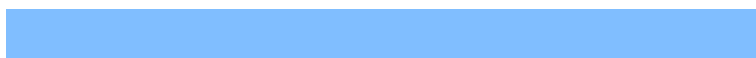
■ 20.8817, 9.1347,
95.2703

■ 19.4481, 7.9407,
95.1154

Harmonies

Analogous

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



47.2151, 49.4771, 110.9211



55.3136, 49.4771, 101.2424



61.7350, 49.4771, 78.3947

Triad

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



55.3136, 49.4771, 101.2424



54.9509, 49.4771, 23.8934



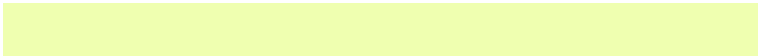
33.2783, 49.4771, 54.4133

Complementary

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



55.3136, 49.4771, 101.2424



79.1935, 93.0055, 54.8541

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.



34.8621, 49.4771, 35.0847



55.3136, 49.4771, 101.2424



46.8384, 49.4771, 20.7696

Square

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



55.3136, 49.4771, 101.2424



61.5095, 49.4771, 34.3875



39.6114, 49.4771, 24.2084



35.0166, 49.4771, 79.6003

Rectangle

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



55.3136, 49.4771, 101.2424



63.8729, 49.4771, 61.2969



39.6114, 49.4771, 24.2084



33.4378, 49.4771, 47.0726

Sweetspot

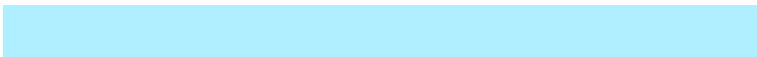
The Sweet Spot groups the original color and five complimentary colors.



55.3151, 49.4790, 101.2427



81.7451, 82.9140, 106.3033



66.8806, 78.3011, 106.1964



17.0662, 17.1966, 22.6697



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.



55.3151, 49.4790, 101.2427



49.5002, 42.2620, 100.1562



66.6283, 55.3112, 101.7722



17.3466, 17.5549, 22.7241



10.2582, 4.1988, 49.7044



1.0830, 0.4522, 4.8435

Inverse Universe

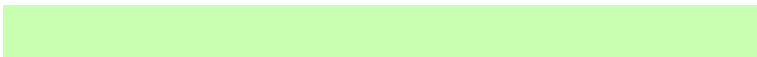
The Inverse Universe completely reimagines the original color for something new.



72.3461, 58.5441, 89.1486



69.0482, 52.6773, 85.8020



67.3369, 86.8932, 54.2992



18.6257, 18.2336, 21.9122



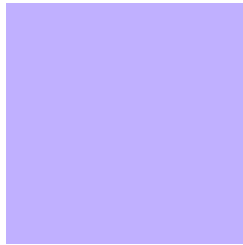
27.2585, 13.3927, 31.0756



2.6921, 1.3192, 3.2260

Previews

White Background



This preview shows how the XYZ color 55.3136, 49.4771, 101.2424 looks on a white background.

Color Contrast Check

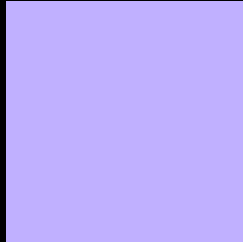
Large Text (above 18pt) WCAG AA × Fail

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 55.3136, 49.4771, 101.2424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

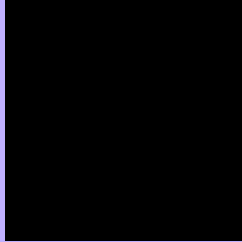
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3136, 49.4771, 101.2424

Background



This preview shows how black text looks on a background with the XYZ color 55.3136, 49.4771, 101.2424.



This preview shows how white text looks on a background with the XYZ color 55.3136, 49.4771,

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

55.3136, 49.4771, 101.2424

Protanopia

50.9164, 49.6080, 101.4995

Deuteranopia

50.8065, 49.5883, 99.8222



Tritanopia

47.3929, 49.2799, 62.2724

Trichromacy



Original Color

55.3136, 49.4771, 101.2424

Protanomaly

52.2531, 49.3817, 101.3853

Deuteranomaly

52.3178, 49.4336, 100.5501

Tritanomaly

50.0288, 49.1155, 75.2500

Monochromacy



Original Color

55.3136, 49.4771, 101.2424

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 55.3136, 49.4771, 101.2424 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, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 176, 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, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.3136, 49.4771, 101.2424 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, 176, 255) }
```


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

```
.border{ border-color:rgb(192, 176, 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, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3136, 49.4771, 101.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 176, 255) }
```

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

```
.background{ background-color: rgb(192,  
176, 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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