

Converting Colors

XYZ(54.5955, 52.7210,
101.8989)

Have a look what the booklet for
XYZ(54.5955, 52.7210, 101.8989)
contains.

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Color

**XYZ(54.6236, 52.7701,
101.9144)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BCFF
RGB	179, 188, 255
RGB Percent	70%, 74%, 100%
CMY	0.2980, 0.2627, 0.0000
CMYK	0.30, 0.26, 0.00, 0.00
HSL	233°, 100%, 85%
HSV	233°, 30%, 100%
XYZ	54.6236, 52.7701, 101.9144
YIQ	192.9470, -26.8710, 18.9290

Conversions

Conversions Part 2

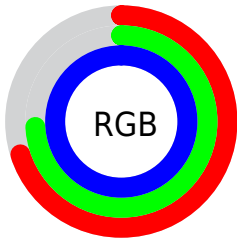
Format	Color
RYB	179, 187, 255
Decimal	11779327
CIELab	77.74, 11.66, -34.02
CIElCh	78, 35.961, 288.913
Yxy	52.7701, 0.2610, 0.2521
Android (android.graphics.Color)	4289969407 (0xFFB3BCFF)
YUV	192.9470, 30.5921, -12.2315
Hunter-Lab	72.6430, 7.0970, -32.3307

Details

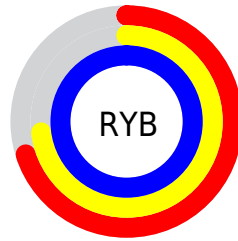
The XYZ color **54.6236, 52.7701, 101.9144** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.3328, 90.4263, 55.7643**, and the grayscale version is **50.4961, 53.1258, 57.8540**.

A 20% lighter version of the original color is **84.9928, 89.7542, 107.4524**, and **27.1692, 25.6902, 56.9528** is the 20% darker color. If you saturate the color by 10%, you get **44.8319, 41.1409, 100.1858**, and if you desaturate by 10%, it is **66.2563, 66.4610, 103.9439**.

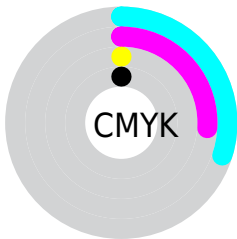
Distribution



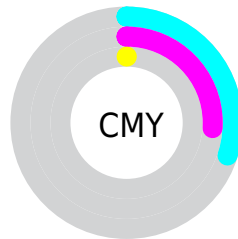
- Red (70%)
- Green (74%)
- Blue (100%)



- Red (70%)
- Yellow (73%)
- Blue (100%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6236, 52.7701, 101.9144 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 54.6236, 52.7701, 101.9144 by changing the saturation by 10% instead.

■ 54.6236, 52.7701,
101.9144

■ 54.6236, 52.7701,
101.9144

394.6432,
397.4025, 587.6121

■ 39.3331, 37.6193,
77.2745

■ 96.1408, 94.2660,
165.8603

■ 27.2008, 25.6873,
56.9653

123.0982,
121.3798, 206.0034

■ 17.8615, 16.5899,
40.5682

154.6753,
153.2501, 252.1513

■ 10.9497, 9.9425,
27.6647

191.2374,
190.2613, 304.7226

■ 6.1000, 5.3609,
17.8362

233.1499,
232.7977, 364.1358

■ 2.9472, 2.4605,
10.6642

280.7781,

■ 1.1259, 0.8568,

281.2438, 430.8094

5.7302

334.4874,
335.9839, 505.1620

■ 0.0466, 0.0000,
2.6156

■ 0.0000, 0.0000,
0.9005

■ 54.6236, 52.7701,
101.9144

■ 54.6236, 52.7701,
101.9144

■ 44.8319, 41.1409,
100.1858

■ 66.2563, 66.4610,
103.9439

■ 36.7816, 31.4674,
98.7430

■ 79.8129, 82.3009,
106.2868

■ 30.3712, 23.6431,
97.5706

95.0500, 100.0000,
108.9000

■ 25.4863, 17.5489,
96.6517

■ 21.9979, 13.0513,
95.9675

■ 19.7548, 9.9971,
95.4962

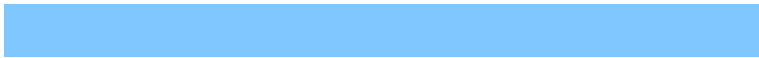
■ 18.5370, 8.1847,
95.2105

■ 18.5193, 8.1587,
95.2064

Harmonies

Analogous

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



47.6249, 52.7701, 103.9125



54.6236, 52.7701, 101.9144



60.9424, 52.7701, 86.5299

Triad

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



54.6236, 52.7701, 101.9144



59.4827, 52.7701, 33.1268



38.1287, 52.7701, 50.3932

Complementary

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



54.6236, 52.7701, 101.9144



82.3328, 90.4263, 55.7643

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.



40.7246, 52.7701, 35.7575



54.6236, 52.7701, 101.9144



52.7761, 52.7701, 27.4397

Square

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



54.6236, 52.7701, 101.9144



63.9222, 52.7701, 45.9010



45.9396, 52.7701, 28.2758



38.5240, 52.7701, 70.8075

Rectangle

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



54.6236, 52.7701, 101.9144



63.7181, 52.7701, 72.3912



45.9396, 52.7701, 28.2758



38.6700, 52.7701, 44.7336

Sweetspot

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



54.6252, 52.7721, 101.9147



80.9869, 83.6680, 106.4888



70.8124, 87.6886, 99.4733



16.8810, 17.3802, 22.7149



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.



54.6252, 52.7721, 101.9147



48.3452, 45.3275, 100.8088



59.8663, 52.7081, 101.6261



17.1762, 17.7241, 22.7658



9.7310, 4.3716, 49.7655



1.0003, 0.5312, 4.8631

Inverse Universe

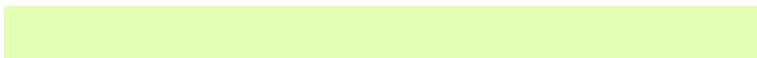
The Inverse Universe completely reimagines the original color for something new.



66.4383, 57.1326, 55.1050



62.0197, 50.5843, 46.5760



75.6181, 91.1276, 56.2536



18.0969, 18.0221, 19.1272



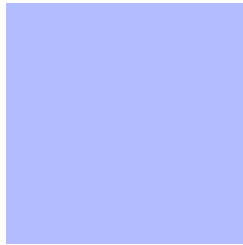
21.7000, 11.1693, 1.8045



2.1395, 1.0982, 0.3160

Previews

White Background



This preview shows how the XYZ color 54.6236, 52.7701, 101.9144 looks on a white background.

Color Contrast Check

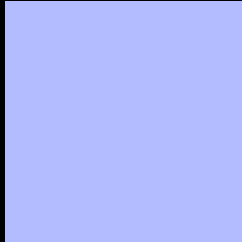
Large Text (above 18pt) WCAG AA × Fail

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 54.6236, 52.7701, 101.9144 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 54.6236, 52.7701, 101.9144

Background



This preview shows how black text looks on a background with the XYZ color 54.6236, 52.7701, 101.9144.



This preview shows how white text looks on a background with the XYZ color 54.6236, 52.7701,

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

54.6236, 52.7701, 101.9144

Protanopia

53.9190, 53.0456, 102.0047

Deuteranopia

54.1521, 52.8453, 101.9538



Tritanopia

48.2012, 52.7794, 69.9343

Trichromacy



Original Color

54.6236, 52.7701, 101.9144

Protanomaly

54.1521, 52.8453, 101.9538

Deuteranomaly

54.3791, 52.9623, 101.9644

Tritanomaly

50.3071, 52.6256, 80.9051

Monochromacy



Original Color

54.6236, 52.7701, 101.9144

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.7645, 52.9108, 72.4503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6236, 52.7701, 101.9144 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(179, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 188, 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(179, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.6236, 52.7701, 101.9144 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(179, 188, 255) }
```


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

```
.border{ border-color:rgb(179, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 188, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 188, 255); box-shadow:4px 4px 4px 4px rgb(179, 188, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6236, 52.7701, 101.9144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 188, 255) }
```

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

```
.background{ background-color: rgb(179,  
188, 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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