

Converting Colors

XYZ(62.2548, 54.4232,
101.8313)

Have a look what the booklet for
XYZ(62.2548, 54.4232, 101.8313)
contains.

XYZ(62.3054, 54.5639, 101.8558)	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(62.3054, 54.5639,
101.8558)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B5FF
RGB	214, 181, 255
RGB Percent	84%, 71%, 100%
CMY	0.1608, 0.2902, 0.0000
CMYK	0.16, 0.29, 0.00, 0.00
HSL	267°, 100%, 85%
HSV	267°, 29%, 100%
XYZ	62.3054, 54.5639, 101.8558
YIQ	199.3030, -4.0860, 30.0100

Conversions

Conversions Part 2

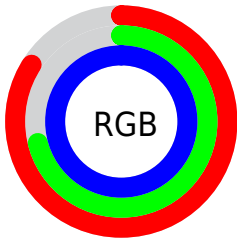
Format	Color
RYB	214, 181, 255
Decimal	14071295
CIELab	78.79, 25.77, -32.17
CIELCh	79, 41.219, 308.693
Yxy	54.5639, 0.2849, 0.2495
Android (android.graphics.Color)	4292261375 (0xFFD6B5FF)
YUV	199.3030, 27.4586, 12.8893
Hunter-Lab	73.8674, 21.2926, -30.0479

Details

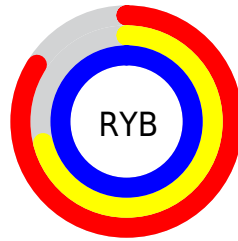
The XYZ color **62.3054, 54.5639, 101.8558** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.2258, 90.3863, 57.2527**, and the grayscale version is **54.3119, 57.1404, 62.2259**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **32.0128, 26.7847, 56.9088** is the 20% darker color. If you saturate the color by 10%, you get **53.6412, 43.0930, 100.0983**, and if you desaturate by 10%, it is **72.2794, 68.1213, 103.9469**.

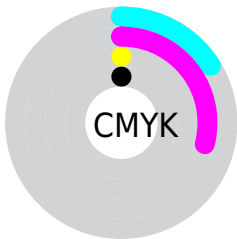
Distribution



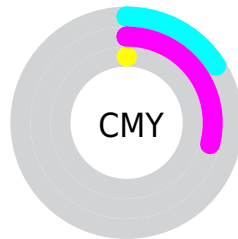
- Red (84%)
- Green (71%)
- Blue (100%)



- Red (84%)
- Yellow (71%)
- Blue (100%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3054, 54.5639, 101.8558 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 62.3054, 54.5639, 101.8558 by changing the saturation by 10% instead.


 62.3054, 54.5639,
101.8558

 62.3054, 54.5639,
101.8558


422.7440,
404.2567, 587.4237

 45.5360, 39.0527,
77.2258


 107.2542, 96.9017,
165.7792

 32.0829, 26.8007,
56.9255


136.1645,
124.4971, 205.9097

 21.5807, 17.4236,
40.5365


169.8523,
156.8893, 252.0441

 13.6640, 10.5370,
27.6401

208.6832,
194.4627, 304.6010

 7.9675, 5.7564,
17.8179

253.0225,
237.6018, 363.9988

 4.1258, 2.6975,
10.6512

303.2355,

 1.7735, 0.9759,

286.6909, 430.6562

5.7216

359.6875,
342.1144, 504.9916

■ 0.5016, 0.0000,
2.6105

■ 0.0000, 0.0000,
0.8979

■ 62.3054, 54.5639,
101.8558

■ 62.3054, 54.5639,
101.8558

■ 53.6412, 43.0930,
100.0983

■ 72.2794, 68.1213,
103.9469

■ 46.2211, 33.5937,
98.6559

■ 83.6149, 83.8589,
106.3872

■ 39.9806, 25.9499,
97.5094

95.0500, 100.0000,
108.9000

■ 34.8464, 20.0300,
96.6373

■ 30.7364, 15.6843,
96.0151

■ 27.5538, 12.7360,
95.6138

■ 25.1610, 10.9262,
95.3906

■ 24.9525, 10.7784,
95.3730

Harmonies

Analogous

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



54.2700, 54.5639, 115.8452



62.3054, 54.5639, 101.8558



67.9018, 54.5639, 77.2874

Triad

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



62.3054, 54.5639, 101.8558



57.7763, 54.5639, 26.6012



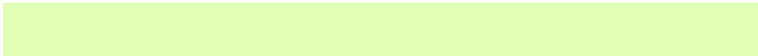
37.8416, 54.5639, 66.4670

Complementary

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



62.3054, 54.5639, 101.8558



74.2258, 90.3863, 57.2527

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.



38.5697, 54.5639, 44.5280



62.3054, 54.5639, 101.8558



49.5251, 54.5639, 25.1330

Square

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



62.3054, 54.5639, 101.8558



65.1020, 54.5639, 35.5072



42.6550, 54.5639, 30.7790



40.5499, 54.5639, 92.1758

Rectangle

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



62.3054, 54.5639, 101.8558



69.1890, 54.5639, 60.4421



42.6550, 54.5639, 30.7790



37.6990, 54.5639, 58.3913

Sweetspot

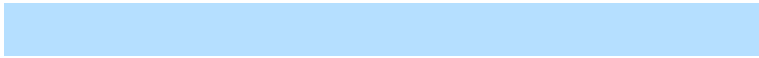
The Sweet Spot groups the original color and five complimentary colors.



62.3070, 54.5661, 101.8561



83.6363, 83.8890, 106.3918



63.4775, 69.7851, 104.7320



17.5299, 17.4356, 22.6914



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.



62.3070, 54.5661, 101.8561



56.9698, 47.4592, 100.7656



74.0231, 60.6060, 102.4044



17.7720, 17.7742, 22.7440



13.2039, 5.7173, 49.8422



1.4090, 0.6203, 4.8587

Inverse Universe

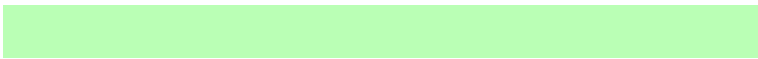
The Inverse Universe completely reimagines the original color for something new.



70.9499, 59.5836, 76.8701



67.1222, 53.3582, 71.1859



64.3355, 85.2877, 56.7898



18.4307, 18.1556, 20.8850



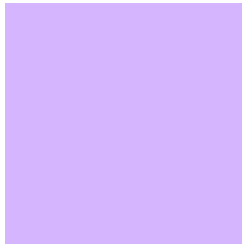
24.1484, 12.1487, 14.6978



2.4063, 1.2049, 1.7210

Previews

White Background



This preview shows how the XYZ color 62.3054, 54.5639, 101.8558 looks on a white background.

Color Contrast Check

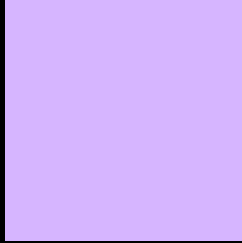
Large Text (above 18pt) WCAG AA × Fail

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 62.3054, 54.5639, 101.8558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

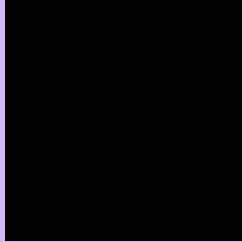
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3054, 54.5639, 101.8558

Background



This preview shows how black text looks on a background with the XYZ color 62.3054, 54.5639, 101.8558.



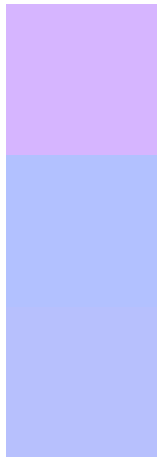
This preview shows how white text looks on a background with the XYZ color 62.3054, 54.5639,

101.8558.

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

62.3054, 54.5639, 101.8558

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

56.1077, 54.8584, 100.5600



Tritanopia

54.8865, 54.3565, 65.3566

Trichromacy



Original Color

62.3054, 54.5639, 101.8558

Protanomaly

57.7335, 54.6916, 102.1214

Deuteranomaly

58.1207, 54.5915, 101.2399

Tritanomaly

57.3841, 54.4237, 77.2924

Monochromacy



Original Color

62.3054, 54.5639, 101.8558

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.5377, 55.6511, 74.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3054, 54.5639, 101.8558 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(214, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 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(214, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.3054, 54.5639, 101.8558 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(214, 181, 255) }
```


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

```
.border{ border-color:rgb(214, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3054, 54.5639, 101.8558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 255) }
```

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

```
.background{ background-color: rgb(214,  
181, 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