

Converting Colors

XYZ(62.4783, 53.4202,
101.6259)

Have a look what the booklet for
XYZ(62.4783, 53.4202, 101.6259)
contains.

XYZ(62.3874, 53.4160, 101.6299)	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(62.3874, 53.4160,
101.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B1FF
RGB	217, 177, 255
RGB Percent	85%, 69%, 100%
CMY	0.1490, 0.3059, 0.0000
CMYK	0.15, 0.31, 0.00, 0.00
HSL	271°, 100%, 85%
HSV	271°, 31%, 100%
XYZ	62.3874, 53.4160, 101.6299
YIQ	197.8520, -1.1980, 32.7380

Conversions

Conversions Part 2

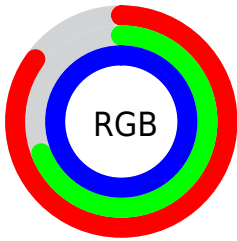
Format	Color
R _Y B	217, 177, 255
Decimal	14266879
CIE Lab	78.12, 28.84, -33.18
CIE LCh	78, 43.965, 311.000
Yxy	53.4160, 0.2869, 0.2457
Android (android.graphics.Color)	4292456959 (0xFFD9B1FF)
YUV	197.8520, 28.1740, 16.7928
Hunter-Lab	73.0863, 24.4690, -31.2852

Details

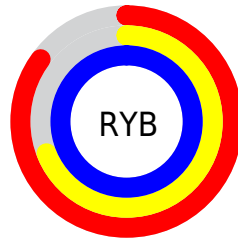
The XYZ color **62.3874, 53.4160, 101.6299** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.7212, 89.1419, 55.0233**, and the grayscale version is **53.4230, 56.2052, 61.2075**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **32.0986, 26.0696, 56.7662** is the 20% darker color. If you saturate the color by 10%, you get **54.2589, 42.4354, 99.9388**, and if you desaturate by 10%, it is **71.7381, 66.4263, 103.6483**.

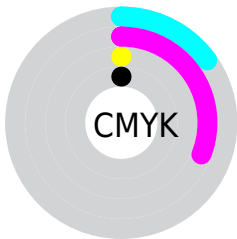
Distribution



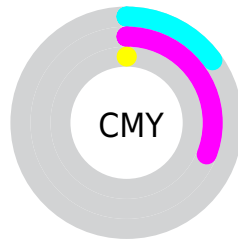
- Red (85%)
- Green (69%)
- Blue (100%)



- Red (85%)
- Yellow (69%)
- Blue (100%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3874, 53.4160, 101.6299 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 62.3874, 53.4160, 101.6299 by changing the saturation by 10% instead.


 62.3874, 53.4160,
101.6299

 62.3874, 53.4160,
101.6299

423.0379,
399.8791, 586.6970

 45.6026, 38.1350,
77.0380


 107.3720, 95.2162,
165.4666

 32.1356, 26.0875,
56.7723


136.3025,
122.5042, 205.5485

 21.6212, 16.8891,
40.4143


170.0123,
154.5633, 251.6308

 13.6938, 10.1554,
27.5455

208.8667,
191.7779, 304.1320

 7.9883, 5.5021,
17.7473

253.2312,
234.5324, 363.4706

 4.1392, 2.5448,
10.6011

303.4709,

 1.7812, 0.8990,

283.2111, 430.0654

5.6885

359.9514,
338.1986, 504.3346

■ 0.5063, 0.0000,
2.5909

■ 0.0000, 0.0000,
0.8878

■ 62.3874, 53.4160,
101.6299

■ 62.3874, 53.4160,
101.6299

■ 54.2589, 42.4354,
99.9388

■ 71.7381, 66.4263,
103.6483

■ 47.2893, 33.3697,
98.5563

■ 82.3606, 81.5597,
106.0095

■ 41.4161, 26.1027,
97.4632

■ 94.3072, 98.9116,
108.7291

■ 36.5684, 20.5021,
96.6377

■ 95.0500, 100.0000,
108.9000

■ 32.6655, 16.4165,
96.0548

■ 29.6119, 13.6654,
95.6847

■ 27.3744, 12.0269,
95.4864

Harmonies

Analogous

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



53.9854, 53.4160, 117.9997



62.3874, 53.4160, 101.6299



68.0309, 53.4160, 74.9488

Triad

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



62.3874, 53.4160, 101.6299



56.3360, 53.4160, 23.9364



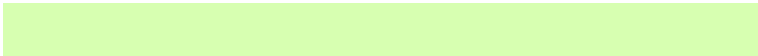
36.2300, 53.4160, 67.6551

Complementary

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



62.3874, 53.4160, 101.6299



71.7212, 89.1419, 55.0233

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.



36.7081, 53.4160, 44.0881



62.3874, 53.4160, 101.6299



47.6855, 53.4160, 23.0043

Square

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



62.3874, 53.4160, 101.6299



64.2743, 53.4160, 32.3335



40.6930, 53.4160, 29.2818



39.3041, 53.4160, 95.0132

Rectangle

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



62.3874, 53.4160, 101.6299



69.1267, 53.4160, 57.3399



40.6930, 53.4160, 29.2818



35.9904, 53.4160, 58.9898

Sweetspot

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



62.3890, 53.4181, 101.6302



84.1662, 84.1622, 106.4166



60.7389, 65.6805, 104.0841



17.6603, 17.5029, 22.6975



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.



62.3890, 53.4181, 101.6302



57.0381, 46.1480, 100.5090



75.0130, 59.9261, 102.2210



17.8914, 17.8357, 22.7496



14.4769, 6.3736, 49.9018



1.5357, 0.6856, 4.8647

Inverse Universe

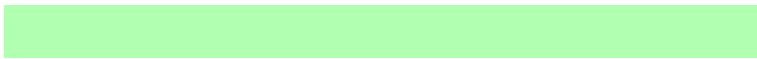
The Inverse Universe completely reimagines the original color for something new.



69.2291, 57.6125, 71.7630



65.1393, 51.1138, 65.2179



61.8288, 84.0421, 54.5604



18.3781, 18.1346, 20.6085



23.5322, 11.9022, 11.4532



2.3462, 1.1809, 1.4046

Previews

White Background



This preview shows how the XYZ color 62.3874, 53.4160, 101.6299 looks on a white background.

Color Contrast Check

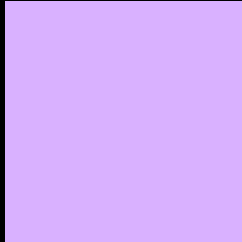
Large Text (above 18pt) WCAG AA × Fail

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 62.3874, 53.4160, 101.6299 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 62.3874, 53.4160, 101.6299

Background



This preview shows how black text looks on a background with the XYZ color 62.3874, 53.4160, 101.6299.

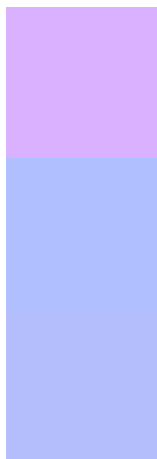


This preview shows how white text looks on a background with the XYZ color 62.3874, 53.4160,

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

62.3874, 53.4160, 101.6299

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.8065, 53.5585, 99.5447



Tritanopia

54.4434, 53.2148, 63.2791

Trichromacy



Original Color

62.3874, 53.4160, 101.6299

Protanomaly

56.8441, 53.2850, 101.8968

Deuteranomaly

57.0709, 53.1272, 100.1751

Tritanomaly

56.8486, 52.9363, 75.6281

Monochromacy



Original Color

62.3874, 53.4160, 101.6299

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.3765, 54.9205, 74.6472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3874, 53.4160, 101.6299 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(217, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.3874, 53.4160, 101.6299 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(217, 177, 255) }
```


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

```
.border{ border-color:rgb(217, 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(217, 177, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3874, 53.4160, 101.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 177, 255) }
```

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

```
.background{ background-color: rgb(217,  
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