

Converting Colors

XYZ(60.5463, 50.7040,
101.2034)

Have a look what the booklet for
XYZ(60.5463, 50.7040, 101.2034)
contains.

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Color

**XYZ(60.6372, 50.7929,
101.2158)**

Conversions

Conversions Part 1

Format	Color
Hex	D7ABFF
RGB	215, 171, 255
RGB Percent	84%, 67%, 100%
CMY	0.1569, 0.3294, 0.0000
CMYK	0.16, 0.33, 0.00, 0.00
HSL	271°, 100%, 84%
HSV	271°, 33%, 100%
XYZ	60.6372, 50.7929, 101.2158
YIQ	193.7320, -0.7400, 35.4520

Conversions

Conversions Part 2

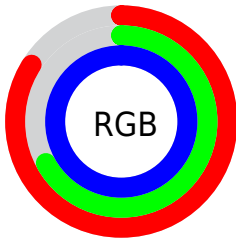
Format	Color
R _Y B	215, 171, 255
Decimal	14134271
CIE Lab	76.55, 31.49, -35.62
CIE LCh	77, 47.543, 311.485
Yxy	50.7929, 0.2852, 0.2389
Android (android.graphics.Color)	4292324351 (0xFFD7ABFF)
YUV	193.7320, 30.2051, 18.6520
Hunter-Lab	71.2691, 27.1504, -34.3147

Details

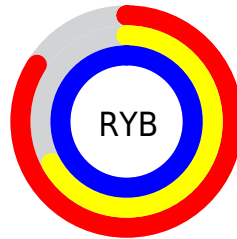
The XYZ color **60.6372, 50.7929, 101.2158** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.9757, 88.3097, 51.8877**, and the grayscale version is **50.9488, 53.6021, 58.3727**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.9696, 24.4050, 56.5044** is the 20% darker color. If you saturate the color by 10%, you get **52.8430, 40.3021, 99.6017**, and if you desaturate by 10%, it is **69.6283, 63.2823, 103.1526**.

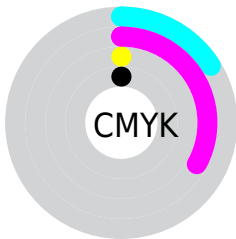
Distribution



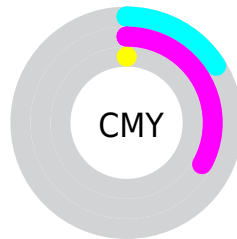
- Red (84%)
- Green (67%)
- Blue (100%)



- Red (84%)
- Yellow (67%)
- Blue (100%)



- Cyan (16%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6372, 50.7929, 101.2158 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 60.6372, 50.7929, 101.2158 by changing the saturation by 10% instead.


 60.6372, 50.7929,
101.2158

 60.6372, 50.7929,
101.2158


416.7397,
389.7586, 585.3636

 44.1839, 36.0438,
76.6938

 104.8545, 91.3486,
164.8934

 31.0136, 24.4680,
56.4915

133.3493,
117.9239, 204.8860

 20.7611, 15.6812,
40.1905


166.5885,
149.2102, 250.8726

 13.0609, 9.2988,
27.3722

204.9376,
185.5918, 303.2717

 7.5478, 4.9366,
17.6180

248.7619,
227.4530, 362.5018

 3.8563, 2.2101,
10.5095

298.4268,

 1.6212, 0.7255,

275.1783, 428.9814

5.6281

354.2976,
329.1520, 503.1292

■ 0.4062, 0.0000,
2.5552

■ 0.0000, 0.0000,
0.8692

■ 60.6372, 50.7929,
101.2158

■ 60.6372, 50.7929,
101.2158

■ 52.8430, 40.3021,
99.6017

■ 69.6283, 63.2823,
103.1526

■ 46.1817, 31.6937,
98.2912

■ 79.8664, 77.8658,
105.4279

■ 40.5898, 24.8484,
97.2647

■ 91.4043, 94.6398,
108.0575

■ 35.9948, 19.6304,
96.4997

95.0500, 100.0000,
108.9000

■ 32.3137, 15.8830,
95.9703

■ 29.4467, 13.4164,
95.6454

■ 27.8134, 12.2532,
95.5069

Harmonies

Analogous

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



51.7961, 50.7929, 119.2676



60.6372, 50.7929, 101.2158



66.5633, 50.7929, 72.5339

Triad

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



60.6372, 50.7929, 101.2158



53.9682, 50.7929, 20.4267



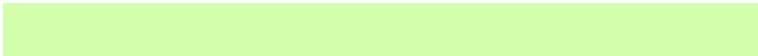
33.2610, 50.7929, 65.7430

Complementary

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



60.6372, 50.7929, 101.2158



69.9757, 88.3097, 51.8877

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.



33.6901, 50.7929, 41.0459



60.6372, 50.7929, 101.2158



44.9212, 50.7929, 19.6297

Square

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



60.6372, 50.7929, 101.2158



62.3960, 50.7929, 28.5971



37.7223, 50.7929, 25.9240



36.4670, 50.7929, 94.9379

Rectangle

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



60.6372, 50.7929, 101.2158



67.6689, 50.7929, 54.0335



37.7223, 50.7929, 25.9240



32.9966, 50.7929, 56.5960

Sweetspot

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



60.6388, 50.7949, 101.2161



83.1207, 82.5650, 106.1634



58.2898, 62.7668, 103.6507



17.4552, 17.1863, 22.6473



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.



60.6388, 50.7949, 101.2161



55.0140, 43.1857, 100.0439



73.6292, 57.5177, 100.6518



17.9111, 17.8459, 22.7505



14.7069, 6.4921, 49.9126



1.5582, 0.6972, 4.8657

Inverse Universe

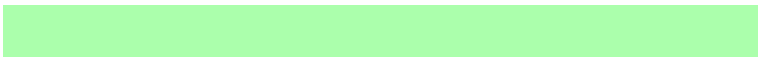
The Inverse Universe completely reimagines the original color for something new.



67.5619, 55.0908, 68.7022



63.2412, 48.2865, 61.5984



60.0409, 83.1726, 52.1231



18.3696, 18.1311, 20.5633



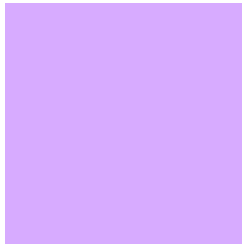
23.4402, 11.8654, 10.9684



2.3371, 1.1772, 1.3564

Previews

White Background



This preview shows how the XYZ color 60.6372, 50.7929, 101.2158 looks on a white background.

Color Contrast Check

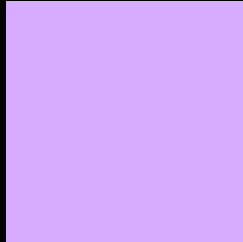
Large Text (above 18pt) WCAG AA × Fail

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 60.6372, 50.7929, 101.2158 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 60.6372, 50.7929, 101.2158

Background



This preview shows how black text looks on a background with the XYZ color 60.6372, 50.7929, 101.2158.

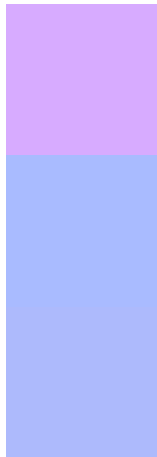


This preview shows how white text looks on a background with the XYZ color 60.6372, 50.7929,

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

60.6372, 50.7929, 101.2158

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.3632, 51.0303, 99.1855



Tritanopia

52.1884, 50.8773, 59.8930

Trichromacy



Original Color

60.6372, 50.7929, 101.2158



Protanomaly

54.8236, 50.7069, 101.5056



Deuteranomaly

54.9925, 50.8310, 99.8414

Tritanomaly

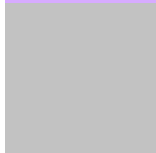
55.0695, 50.8575, 73.2437

Monochromacy



Original Color

60.6372, 50.7929, 101.2158



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.3107, 52.6322, 72.2623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6372, 50.7929, 101.2158 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(215, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 171, 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(215, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 171, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.6372, 50.7929, 101.2158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

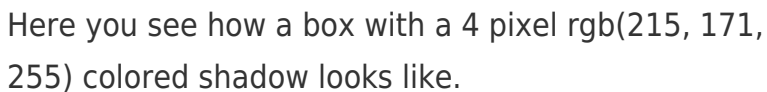
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 171, 255) }
```


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

```
.border{ border-color:rgb(215, 171, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 171, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 171, 255); box-shadow:4px 4px 4px 4px rgb(215, 171, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6372, 50.7929, 101.2158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 171, 255) }
```

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

```
.background{ background-color: rgb(215,  
171, 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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