

Converting Colors

XYZ(52.6550, 42.8743,
100.1081)

Have a look what the booklet for
XYZ(52.6550, 42.8743, 100.1081)
contains.

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Color

**XYZ(52.6126, 42.9360,
100.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	C39DFF
RGB	195, 157, 255
RGB Percent	76%, 62%, 100%
CMY	0.2353, 0.3843, 0.0000
CMYK	0.24, 0.38, 0.00, 0.00
HSL	263°, 100%, 81%
HSV	263°, 38%, 100%
XYZ	52.6126, 42.9360, 100.1222
YIQ	179.5340, -8.8100, 38.5340

Conversions

Conversions Part 2

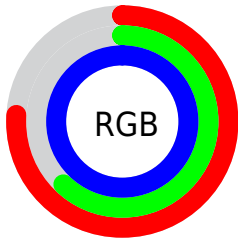
Format	Color
R _Y B	195, 157, 255
Decimal	12819967
CIE Lab	71.51, 33.33, -43.60
CIE LCh	72, 54.885, 307.397
Yxy	42.9360, 0.2689, 0.2194
Android (android.graphics.Color)	4291010047 (0xFFC39DFF)
YUV	179.5340, 37.2047, 13.5637
Hunter-Lab	65.5256, 28.6537, -44.7264

Details

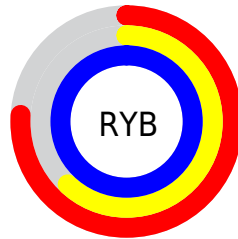
The XYZ color **52.6126, 42.9360, 100.1222** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.4616, 88.7063, 45.3082**, and the grayscale version is **42.9447, 45.1812, 49.2023**.

A 20% lighter version of the original color is **82.1015, 75.1896, 104.7936**, and **25.8921, 19.6693, 55.8580** is the 20% darker color. If you saturate the color by 10%, you get **44.9150, 33.2186, 98.6523**, and if you desaturate by 10%, it is **61.6351, 54.6746, 101.9125**.

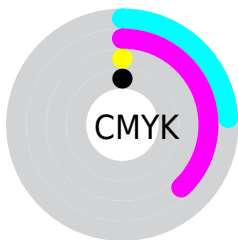
Distribution



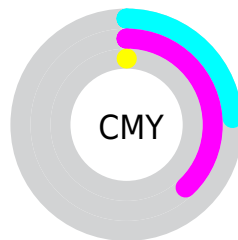
- Red (76%)
- Green (62%)
- Blue (100%)



- Red (76%)
- Yellow (62%)
- Blue (100%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6126, 42.9360, 100.1222 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 52.6126, 42.9360, 100.1222 by changing the saturation by 10% instead.


 52.6126, 42.9360,
100.1222


 52.6126, 42.9360,
100.1222


387.0823,
358.3485, 581.8344

 37.7198, 29.8349,
75.7851


 93.2030, 79.6143,
163.3784

 25.9415, 19.7133,
55.7507


 119.6313,
103.9602, 203.1347

 16.9124, 12.1868,
39.6005


150.6355,
132.8233, 248.8678

 10.2669, 6.8710,
26.9158

186.5809,
166.5878, 300.9962

 5.6399, 3.3816,
17.2781

227.8330,
205.6382, 359.9386

 2.6660, 1.3340,
10.2689

274.7570,

 0.9797, 0.1673,

250.3588, 426.1134

5.4697

327.7183,
301.1341, 499.9391

■ 0.0000, 0.0000,
2.4619

■ 0.0000, 0.0000,
0.8199

■ 52.6126, 42.9360,
100.1222

■ 52.6126, 42.9360,
100.1222

■ 44.9150, 33.2186,
98.6523

■ 61.6351, 54.6746,
101.9125

■ 38.4686, 25.3978,
97.4825

■ 72.0420, 68.5390,
104.0401

■ 33.1986, 19.3428,
96.5915

■ 83.8944, 84.6322,
106.5217

■ 29.0190, 14.9031,
95.9549

95.0500, 100.0000,
108.9000

■ 25.8302, 11.9015,
95.5436

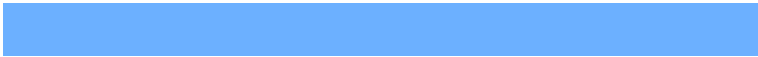
■ 23.4974, 10.0927,
95.3174

■ 23.1824, 9.8659,
95.2902

Harmonies

Analogous

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



43.1460, 42.9360, 117.7884



52.6126, 42.9360, 100.1222



59.5630, 42.9360, 69.2276

Triad

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



52.6126, 42.9360, 100.1222



48.0461, 42.9360, 13.6973



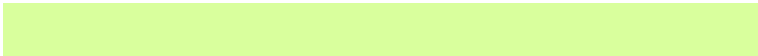
25.5702, 42.9360, 53.6306

Complementary

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



52.6126, 42.9360, 100.1222



70.4616, 88.7063, 45.3082

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.



26.4740, 42.9360, 29.7553



52.6126, 42.9360, 100.1222



38.5587, 42.9360, 12.2130

Square

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



52.6126, 42.9360, 100.1222



56.6606, 42.9360, 22.1065



30.9183, 42.9360, 16.8038



28.2301, 42.9360, 85.0842

Rectangle

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



52.6126, 42.9360, 100.1222



61.3169, 42.9360, 49.1055



30.9183, 42.9360, 16.8038



25.4752, 42.9360, 44.4710

Sweetspot

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



52.6140, 42.9376, 100.1225



79.4936, 78.6249, 105.5941



56.8804, 64.2386, 104.0091



16.6804, 16.3742, 22.5313



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.



52.6140, 42.9376, 100.1225



46.6678, 35.4009, 98.9811



67.2658, 50.4909, 100.8082



17.6691, 17.7211, 22.7392



12.2678, 5.2348, 49.7984



1.3123, 0.5705, 4.8542

Inverse Universe

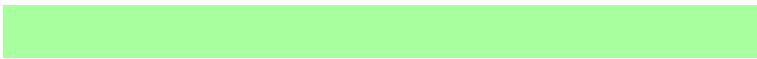
The Inverse Universe completely reimagines the original color for something new.



65.8221, 50.3850, 71.9022



61.8581, 43.9800, 65.8855



58.0877, 82.3273, 44.7291



18.4767, 18.1740, 21.1276



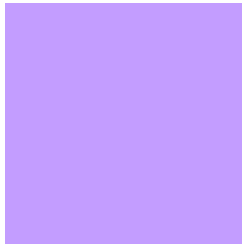
24.7650, 12.3953, 17.9448



2.4648, 1.2283, 2.0293

Previews

White Background



This preview shows how the XYZ color 52.6126, 42.9360, 100.1222 looks on a white background.

Color Contrast Check

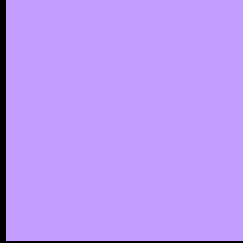
Large Text (above 18pt) WCAG AA × Fail

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 52.6126, 42.9360, 100.1222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

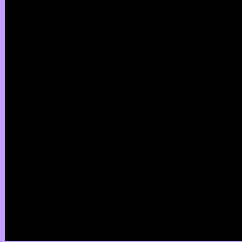
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6126, 42.9360, 100.1222

Background



This preview shows how black text looks on a background with the XYZ color 52.6126, 42.9360, 100.1222.



This preview shows how white text looks on a background with the XYZ color 52.6126, 42.9360,

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

52.6126, 42.9360, 100.1222

Protanopia

45.2063, 43.4030, 100.6027

Deuteranopia

44.5608, 43.4114, 98.1261



Tritanopia

42.8009, 42.9529, 51.9338

Trichromacy



Original Color

52.6126, 42.9360, 100.1222



Protanomaly

47.3858, 42.8568, 100.3824



Deuteranomaly

47.0421, 42.9896, 98.7469



Tritanomaly

45.9451, 42.8554, 66.8231

Monochromacy



Original Color

52.6126, 42.9360, 100.1222



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.0226, 44.3243, 65.1613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6126, 42.9360, 100.1222 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(195, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 157, 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(195, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 157, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6126, 42.9360, 100.1222 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(195, 157, 255) }
```


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

```
.border{ border-color:rgb(195, 157, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 157,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6126, 42.9360, 100.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 157, 255) }
```

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

```
.background{ background-color: rgb(195,  
157, 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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