

Converting Colors

XYZ(59.7726, 52.8045, 95.0376)

Have a look what the booklet for
XYZ(59.7726, 52.8045, 95.0376)
contains.

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Color

**XYZ(59.7726, 52.8045,
95.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B3F7
RGB	211, 179, 247
RGB Percent	83%, 70%, 97%
CMY	0.1725, 0.2980, 0.0314
CMYK	0.15, 0.28, 0.00, 0.03
HSL	268°, 81%, 84%
HSV	268°, 28%, 97%
XYZ	59.7726, 52.8045, 95.0376
YIQ	196.3200, -2.7560, 27.9320

Conversions

Conversions Part 2

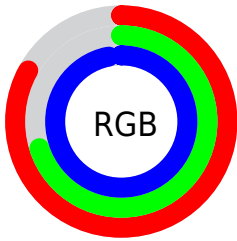
Format	Color
R _Y B	211, 179, 247
Decimal	13874167
CIE Lab	77.76, 24.24, -29.48
CIE LCh	78, 38.167, 309.427
Yxy	52.8045, 0.2879, 0.2543
Android (android.graphics.Color)	4292064247 (0xFFD3B3F7)
YUV	196.3200, 24.9852, 12.8744
Hunter-Lab	72.6667, 19.6599, -26.6761

Details

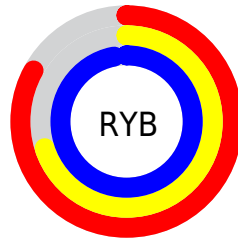
The XYZ color **59.7726, 52.8045, 95.0376** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.4234, 84.2245, 55.2481**, and the grayscale version is **52.5187, 55.2538, 60.1714**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **30.4654, 25.7073, 52.0715** is the 20% darker color. If you saturate the color by 10%, you get **51.6637, 41.9229, 93.3655**, and if you desaturate by 10%, it is **69.0764, 65.6208, 97.0219**.

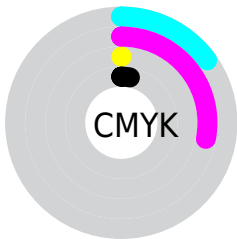
Distribution



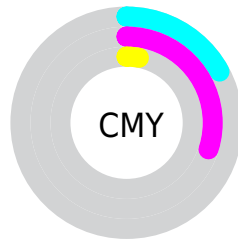
- Red (83%)
- Green (70%)
- Blue (97%)



- Red (83%)
- Yellow (70%)
- Blue (97%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7726, 52.8045, 95.0376 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 59.7726, 52.8045, 95.0376 by changing the saturation by 10% instead.

■ 59.7726, 52.8045,
95.0376

■ 59.7726, 52.8045,
95.0376

413.6073,
397.5346, 565.2728

■ 43.4841, 37.6467,
71.5692

■ 103.6079, 94.3166,
156.3126

■ 30.4613, 25.7086,
52.3222

131.8855,
121.4398, 194.9562

■ 20.3388, 16.6058,
36.8779

164.8902,
153.3202, 239.4954

■ 12.7513, 9.9538,
24.8179

202.9873,
190.3422, 290.3486

■ 7.3333, 5.3684,
15.7237

246.5422,
232.8903, 347.9344

■ 3.7196, 2.4650,
9.1766

295.9203,

■ 1.5447, 0.8590,

281.3488, 412.6714

4.7582

351.4868,
336.1021, 484.9780

■ 0.3560, 0.0000,
2.0498

■ 0.0000, 0.0000,
0.5857

■ 59.7726, 52.8045,
95.0376

■ 59.7726, 52.8045,
95.0376

■ 51.6637, 41.9229,
93.3655

■ 69.0764, 65.6208,
97.0219

■ 44.6899, 32.8712,
91.9859

■ 79.6206, 80.4565,
99.3297

■ 38.7938, 25.5440,
90.8823

■ 91.4547, 97.3991,
101.9762

■ 33.9101, 19.8226,
90.0354

■ 93.7887, 99.4955,
102.2579

■ 29.9654, 15.5721,
89.4229

■ 26.8743, 12.6346,
89.0188

■ 24.5267, 10.8029,
88.7890

■ 24.0223, 10.4445,
88.7464

Harmonies

Analogous

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



52.5545, 52.8045, 107.7533



59.7726, 52.8045, 95.0376



64.7139, 52.8045, 73.0256

Triad

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



59.7726, 52.8045, 95.0376



55.3535, 52.8045, 27.1747



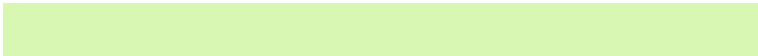
37.4277, 52.8045, 64.4270

Complementary

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



59.7726, 52.8045, 95.0376



69.4234, 84.2245, 55.2481

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.



38.0185, 52.8045, 44.3392



59.7726, 52.8045, 95.0376



47.8958, 52.8045, 25.9514

Square

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



59.7726, 52.8045, 95.0376



61.9937, 52.8045, 35.3155



41.6889, 52.8045, 31.4265



39.9871, 52.8045, 87.4314

Rectangle

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



59.7726, 52.8045, 95.0376



65.7933, 52.8045, 57.9031



41.6889, 52.8045, 31.4265



37.2705, 52.8045, 57.0891

Sweetspot

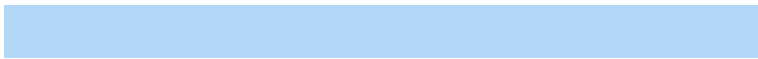
The Sweet Spot groups the original color and five complimentary colors.



59.7743, 52.8067, 95.0388



85.0216, 85.6767, 106.6639



59.7492, 65.0378, 97.4010



17.8159, 17.7968, 22.7461



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.



59.7743, 52.8067, 95.0388



59.2911, 50.0569, 101.1447



70.4733, 58.3222, 95.5395



16.3227, 16.3090, 20.8302



12.8655, 5.6067, 46.9421



1.2484, 0.5534, 4.1313

Inverse Universe

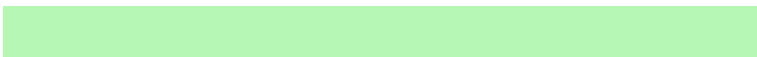
The Inverse Universe completely reimagines the original color for something new.



66.7453, 56.9228, 71.7614



68.0919, 55.2561, 71.6368



60.5179, 79.6336, 54.8314



16.8658, 16.6292, 19.0397



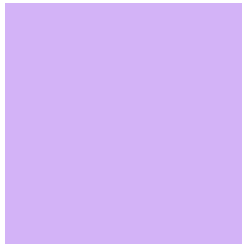
22.5169, 11.3502, 12.6962



2.0309, 1.0183, 1.3893

Previews

White Background



This preview shows how the XYZ color 59.7726, 52.8045, 95.0376 looks on a white background.

Color Contrast Check

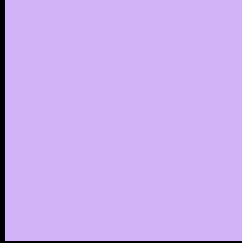
Large Text (above 18pt) WCAG AA × Fail

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 59.7726, 52.8045, 95.0376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

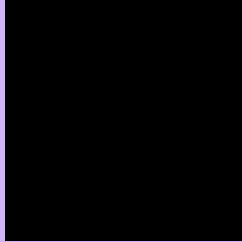
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7726, 52.8045, 95.0376

Background



This preview shows how black text looks on a background with the XYZ color 59.7726, 52.8045, 95.0376.



This preview shows how white text looks on a background with the XYZ color 59.7726, 52.8045,

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

59.7726, 52.8045, 95.0376

Protanopia

53.9190, 53.0456, 102.0047

Deuteranopia

54.2075, 53.0550, 93.7698



Tritanopia

53.3328, 52.6423, 63.2271

Trichromacy



Original Color

59.7726, 52.8045, 95.0376

Protanomaly

55.6231, 52.7109, 99.3380

Deuteranomaly

55.9758, 52.6892, 94.4086

Tritanomaly

55.5275, 52.6083, 73.5575

Monochromacy



Original Color

59.7726, 52.8045, 95.0376

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.7666, 54.1507, 71.8556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7726, 52.8045, 95.0376 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(211, 179, 247)` looks like.

```
.text, #text, p{  
    color:rgb(211, 179, 247)  
}
```

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(211, 179, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 179, 247) }
```

Border

The CSS property to change the border of an element to XYZ 59.7726, 52.8045, 95.0376 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(211, 179, 247) }
```


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

```
.border{ border-color:rgb(211, 179, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 179, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 179, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 179, 247);  
box-shadow:4px 4px 4px 4px rgb(211, 179,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7726, 52.8045, 95.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 179, 247) }
```

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

```
.background{ background-color: rgb(211,  
179, 247) }
```

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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