

Converting Colors

XYZ(59.9420, 50.7125, 99.1295)

Have a look what the booklet for
XYZ(59.9420, 50.7125, 99.1295)
contains.

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Color

**XYZ(59.7638, 50.6795,
98.7277)**

Conversions

Conversions Part 1

Format	Color
Hex	D5ACFC
RGB	213, 172, 252
RGB Percent	84%, 67%, 99%
CMY	0.1647, 0.3255, 0.0118
CMYK	0.15, 0.32, 0.00, 0.01
HSL	271°, 93%, 83%
HSV	271°, 32%, 99%
XYZ	59.7638, 50.6795, 98.7277
YIQ	193.3790, -1.2440, 33.5720

Conversions

Conversions Part 2

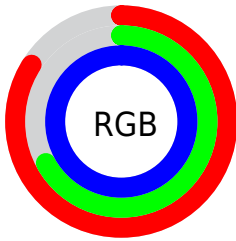
Format	Color
R _Y B	213, 172, 252
Decimal	14003452
CIE Lab	76.48, 29.71, -34.12
CIE LCh	76, 45.247, 311.050
Yxy	50.6795, 0.2857, 0.2423
Android (android.graphics.Color)	4292193532 (0xFFD5ACFC)
YUV	193.3790, 28.9002, 17.2076
Hunter-Lab	71.1895, 25.2695, -32.3924

Details

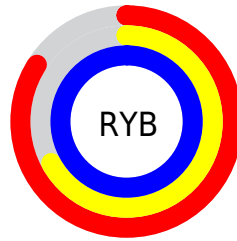
The XYZ color **59.7638, 50.6795, 98.7277** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.1224, 86.4495, 52.0753**, and the grayscale version is **50.7488, 53.3916, 58.1435**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **30.3518, 24.3019, 54.7208** is the 20% darker color. If you saturate the color by 10%, you get **51.9856, 40.2133, 97.1183**, and if you desaturate by 10%, it is **68.7247, 63.1076, 100.6551**.

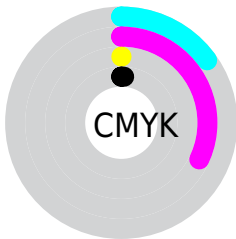
Distribution



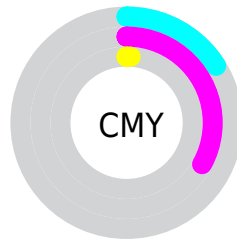
- Red (84%)
- Green (67%)
- Blue (99%)



- Red (84%)
- Yellow (67%)
- Blue (99%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (33%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7638, 50.6795, 98.7277 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 59.7638, 50.6795, 98.7277 by changing the saturation by 10% instead.

■ 59.7638, 50.6795,
98.7277

■ 59.7638, 50.6795,
98.7277

413.5753,
389.3173, 577.3176

■ 43.4770, 35.9536,
74.6275

■ 103.5952, 91.1808,
161.4442

■ 30.4557, 24.3984,
54.8079

131.8706,
117.7251, 200.8976

■ 20.3345, 15.6294,
38.8503

164.8729,
148.9776, 246.3058

■ 12.7481, 9.2623,
26.3364

202.9674,
185.3227, 298.0873

■ 7.3311, 4.9127,
16.8474

246.5196,
227.1448, 356.6607

■ 3.7182, 2.1961,
9.9650

295.8947,

■ 1.5440, 0.7179,

274.8283, 422.4446

5.2704

351.4582,
328.7577, 495.8573

■ 0.3555, 0.0000,
2.3453

■ 0.0000, 0.0000,
0.7564

■ 59.7638, 50.6795,
98.7277

■ 59.7638, 50.6795,
98.7277

■ 51.9856, 40.2133,
97.1183

■ 68.7247, 63.1076,
100.6551

■ 45.3275, 31.5968,
95.8060

■ 78.9163, 77.5894,
102.9132

■ 39.7284, 24.7153,
94.7729

■ 90.3903, 94.2181,
105.5181

■ 35.1184, 19.4386,
93.9974

■ 94.5708, 99.8083,
106.3768

■ 31.4178, 15.6173,
93.4548

■ 28.5316, 13.0716,
93.1156

■ 26.6468, 11.7072,
92.9516

Harmonies

Analogous

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



51.3820, 50.6795, 115.3164



59.7638, 50.6795, 98.7277



65.4075, 50.6795, 71.8846

Triad

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



59.7638, 50.6795, 98.7277



53.6945, 50.6795, 21.6098



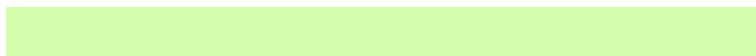
33.7981, 50.6795, 64.6835

Complementary

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



59.7638, 50.6795, 98.7277



69.1224, 86.4495, 52.0753

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.



34.2620, 50.6795, 41.2894



59.7638, 50.6795, 98.7277



45.0935, 50.6795, 20.7256

Square

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



59.7638, 50.6795, 98.7277



61.6277, 50.6795, 29.7239



38.1807, 50.6795, 26.7963



36.8285, 50.6795, 92.1362

Rectangle

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



59.7638, 50.6795, 98.7277



66.5001, 50.6795, 54.3248



38.1807, 50.6795, 26.7963



33.5607, 50.6795, 56.0468

Sweetspot

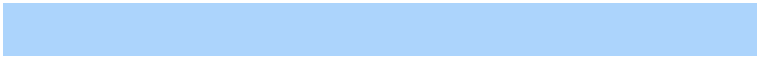
The Sweet Spot groups the original color and five complimentary colors.



59.7655, 50.6816, 98.7288



83.0213, 82.5138, 106.1588



58.1293, 62.8878, 101.1711



17.4311, 17.1739, 22.6461



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.



59.7655, 50.6816, 98.7288



56.2392, 45.0831, 100.3455



72.4695, 57.2307, 99.3234



17.1313, 17.0803, 21.7792



14.0515, 6.1865, 48.4271



1.4238, 0.6361, 4.4909

Inverse Universe

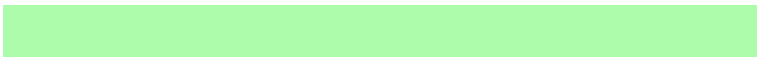
The Inverse Universe completely reimagines the original color for something new.



66.6569, 54.9057, 68.7147



64.5444, 50.1720, 64.2548



59.2718, 81.3713, 51.6143



17.5972, 17.3663, 19.7348



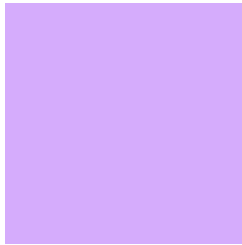
22.8433, 11.5531, 11.1494



2.1690, 1.0914, 1.3136

Previews

White Background



This preview shows how the XYZ color 59.7638, 50.6795, 98.7277 looks on a white background.

Color Contrast Check

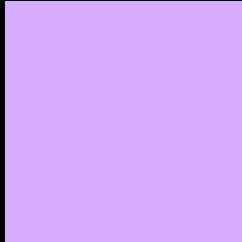
Large Text (above 18pt) WCAG AA × Fail

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 59.7638, 50.6795, 98.7277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

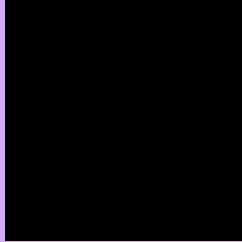
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7638, 50.6795, 98.7277

Background



This preview shows how black text looks on a background with the XYZ color 59.7638, 50.6795, 98.7277.



This preview shows how white text looks on a background with the XYZ color 59.7638, 50.6795,

98.7277.

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

59.7638, 50.6795, 98.7277

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.1133, 50.9560, 96.7114



Tritanopia

51.9134, 50.7356, 59.8801

Trichromacy



Original Color

59.7638, 50.6795, 98.7277



Protanomaly

54.6249, 50.9259, 100.7166



Deuteranomaly

54.5182, 50.6412, 97.3438



Tritanomaly

54.3766, 50.5154, 72.5301

Monochromacy



Original Color

59.7638, 50.6795, 98.7277



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.3060, 51.8323, 70.8134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7638, 50.6795, 98.7277 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(213, 172, 252)` looks like.

```
.text, #text, p{  
    color:rgb(213, 172, 252)  
}
```

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(213, 172, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 172, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.7638, 50.6795, 98.7277 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(213, 172, 252) }
```


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

```
.border{ border-color:rgb(213, 172, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 172, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 172, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 172, 252);  
box-shadow:4px 4px 4px 4px rgb(213, 172,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7638, 50.6795, 98.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 172, 252) }
```

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

```
.background{ background-color: rgb(213,  
172, 252) }
```

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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