

Converting Colors

XYZ(55.5864, 43.7633, 98.4475)

Have a look what the booklet for
XYZ(55.5864, 43.7633, 98.4475)
contains.

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Color

**XYZ(55.5797, 43.7584,
98.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	D19AFD
RGB	209, 154, 253
RGB Percent	82%, 60%, 99%
CMY	0.1804, 0.3961, 0.0078
CMYK	0.17, 0.39, 0.00, 0.01
HSL	273°, 96%, 80%
HSV	273°, 39%, 99%
XYZ	55.5797, 43.7584, 98.4453
YIQ	181.7310, 1.0010, 42.4490

Conversions

Conversions Part 2

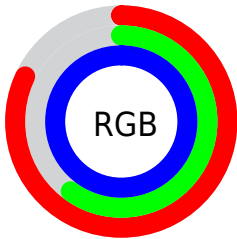
Format	Color
RYB	209, 154, 253
Decimal	13736701
CIELab	72.07, 38.52, -41.55
CIELCh	72, 56.660, 312.828
Yxy	43.7584, 0.2810, 0.2212
Android (android.graphics.Color)	4291926781 (0xFFD19AFD)
YUV	181.7310, 35.1356, 23.9149
Hunter-Lab	66.1501, 34.2139, -41.9309

Details

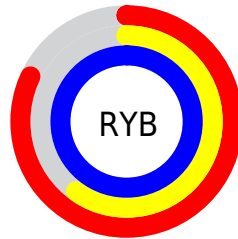
The XYZ color **55.5797, 43.7584, 98.4453** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.2480, 84.5904, 43.5151**, and the grayscale version is **44.1333, 46.4317, 50.5641**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **27.8520, 20.2606, 54.6673** is the 20% darker color. If you saturate the color by 10%, you get **48.7660, 34.6875, 97.0543**, and if you desaturate by 10%, it is **63.5009, 54.7085, 100.1421**.

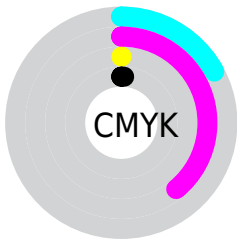
Distribution



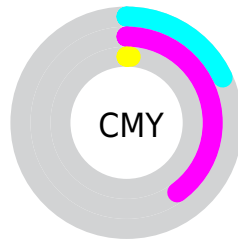
- Red (82%)
- Green (60%)
- Blue (99%)



- Red (82%)
- Yellow (60%)
- Blue (99%)



- Cyan (17%)
- Magenta (39%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (40%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5797, 43.7584, 98.4453 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 55.5797, 43.7584, 98.4453 by changing the saturation by 10% instead.


 55.5797, 43.7584,
98.4453

 55.5797, 43.7584,
98.4453


398.2064,
361.7215, 576.4006

 40.1017, 30.4806,
74.3931

 97.5332, 80.8541,
161.0522

 27.8024, 20.2037,
54.6171


 124.7394,
105.4407, 200.4441

 18.3165, 12.5432,
38.6987


156.5857,
134.5658, 245.7862

 11.2785, 7.1147,
26.2194

193.4375,
168.6138, 297.4972

 6.3231, 3.5340,
16.7606

235.6601,
207.9689, 355.9956

 3.0851, 1.4164,
9.9038

283.6188,

 1.1989, 0.2288,

253.0156, 421.7000

5.2305

337.6792,
304.1383, 495.0288

■ 0.1055, 0.0000,
2.3220

■ 0.0000, 0.0000,
0.7435

■ 55.5797, 43.7584,
98.4453

■ 55.5797, 43.7584,
98.4453

■ 48.7660, 34.6875,
97.0543

■ 63.5009, 54.7085,
100.1421

■ 42.9950, 27.3765,
95.9473

■ 72.5804, 67.6364,
102.1589

■ 38.2012, 21.7006,
95.1044

■ 82.8710, 82.6401,
104.5125

■ 34.3088, 17.5154,
94.5017

94.3556, 99.6790,
107.1961

■ 31.2287, 14.6500,
94.1110

94.7297, 99.8719,
107.2136

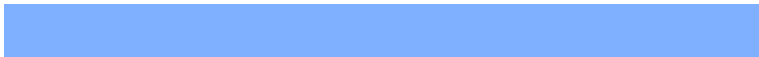
■ 28.8295, 12.8495,
93.8899

■ 28.6389, 12.7158,
93.8741

Harmonies

Analogous

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



45.8646, 43.7584, 120.8690



55.5797, 43.7584, 98.4453



62.0430, 43.7584, 65.1917

Triad

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



55.5797, 43.7584, 98.4453



47.3355, 43.7584, 12.6947



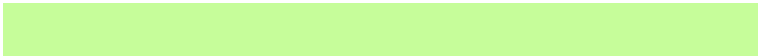
25.9465, 43.7584, 60.4959

Complementary

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



55.5797, 43.7584, 98.4453



64.2480, 84.5904, 43.5151

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.



26.2142, 43.7584, 33.5691



55.5797, 43.7584, 98.4453



37.5916, 43.7584, 12.2663

Square

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



55.5797, 43.7584, 98.4453



56.7996, 43.7584, 19.8067



30.1717, 43.7584, 18.2565



29.3729, 43.7584, 93.8799

Rectangle

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



55.5797, 43.7584, 98.4453



63.1032, 43.7584, 45.0621



30.1717, 43.7584, 18.2565



25.6250, 43.7584, 50.3257

Sweetspot

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



55.5812, 43.7602, 98.4463



81.2256, 79.5178, 105.6752



51.3777, 54.6037, 100.7608



17.0874, 16.5840, 22.5504



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.



55.5812, 43.7602, 98.4463



51.0200, 37.1092, 99.0815



69.0158, 50.7759, 95.0116



17.9682, 17.8753, 22.7532



15.4051, 6.8521, 49.9452



1.6257, 0.7320, 4.8689

Inverse Universe

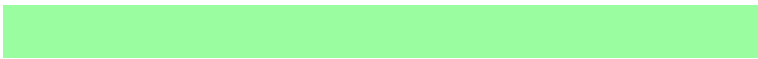
The Inverse Universe completely reimagines the original color for something new.



62.2580, 48.0728, 59.4253



59.0470, 42.2787, 52.8612



54.7068, 79.6231, 45.2655



18.3448, 18.1212, 20.4330



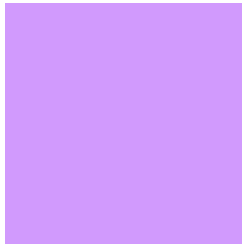
23.1885, 11.7647, 9.6430



2.3117, 1.1671, 1.2231

Previews

White Background



This preview shows how the XYZ color 55.5797, 43.7584, 98.4453 looks on a white background.

Color Contrast Check

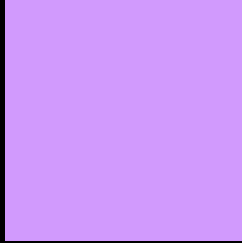
Large Text (above 18pt) WCAG AA × Fail

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 55.5797, 43.7584, 98.4453 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 55.5797, 43.7584, 98.4453

Background



This preview shows how black text looks on a background with the XYZ color 55.5797, 43.7584, 98.4453.



This preview shows how white text looks on a background with the XYZ color 55.5797, 43.7584,

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

55.5797, 43.7584, 98.4453

Protanopia

45.7637, 43.9761, 100.6840

Deuteranopia

45.1914, 44.0788, 95.7488



Tritanopia

45.6574, 43.6236, 50.2698

Trichromacy



Original Color

55.5797, 43.7584, 98.4453



Protanomaly

48.5027, 43.4511, 99.5965



Deuteranomaly

48.0873, 43.3102, 96.2677

Tritanomaly

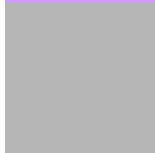
48.7480, 43.5225, 65.5059

Monochromacy



Original Color

55.5797, 43.7584, 98.4453



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.8759, 45.2656, 65.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5797, 43.7584, 98.4453 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(209, 154, 253)` looks like.

```
.text, #text, p{  
    color:rgb(209, 154, 253)  
}
```

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(209, 154, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 154, 253) }
```

Border

The CSS property to change the border of an element to XYZ 55.5797, 43.7584, 98.4453 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(209, 154, 253) }
```


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

```
.border{ border-color:rgb(209, 154, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 154, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 154, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 154, 253);  
box-shadow:4px 4px 4px 4px rgb(209, 154,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5797, 43.7584, 98.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 154, 253) }
```

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

```
.background{ background-color: rgb(209,  
154, 253) }
```

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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