

Converting Colors

XYZ(58.4298, 39.7754,
150.9726)

Have a look what the booklet for
XYZ(58.4298, 39.7754, 150.9726)
contains.

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Color

**XYZ(48.4522, 35.7544,
98.9553)**

Conversions

Conversions Part 1

Format	Color
Hex	C087FF
RGB	192, 135, 255
RGB Percent	75%, 53%, 100%
CMY	0.2470, 0.4706, 0.0000
CMYK	0.25, 0.47, 0.00, 0.00
HSL	269°, 100%, 76%
HSV	269°, 47%, 100%
XYZ	48.4522, 35.7544, 98.9553
YIQ	165.7230, -4.5480, 49.4040

Conversions

Conversions Part 2

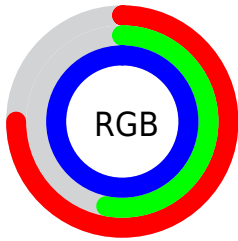
Format	Color
RYB	192, 135, 255
Decimal	12617727
CIELab	66.33, 44.54, -51.78
CIELCh	66, 68.297, 310.704
Yxy	35.7544, 0.2645, 0.1952
Android (android.graphics.Color)	4290807807 (0xFFC087FF)
YUV	165.7230, 44.0136, 23.0449
Hunter-Lab	59.7950, 39.9983, -56.2631

Details

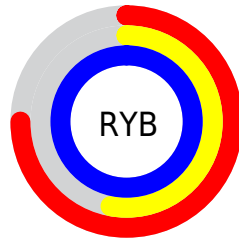
The XYZ color **48.4522, 35.7544, 98.9553** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.4222, 85.2752, 36.0400**, and the grayscale version is **35.9091, 37.7792, 41.1415**.

A 20% lighter version of the original color is **75.6719, 63.9392, 102.9609**, and **23.4396, 15.4980, 55.1821** is the 20% darker color. If you saturate the color by 10%, you get **42.0742, 27.8030, 97.7567**, and if you desaturate by 10%, it is **55.9929, 45.5712, 100.4527**.

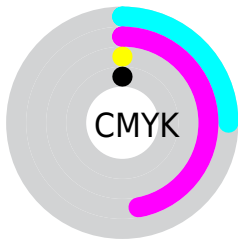
Distribution



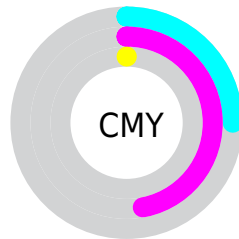
- Red (75%)
- Green (53%)
- Blue (100%)



- Red (75%)
- Yellow (53%)
- Blue (100%)



- Cyan (25%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4522, 35.7544, 98.9553 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 48.4522, 35.7544, 98.9553 by changing the saturation by 10% instead.


 48.4522, 35.7544,
98.9553


 48.4522, 35.7544,
98.9553

371.1346,
327.8858, 578.0561


 34.3979, 24.2446,
74.8163


 87.0829, 68.6528,
161.7601

 23.3638, 15.5151,
54.9616


 112.3900, 90.8102,
201.2631

 14.9845, 9.1817,
38.9726


 142.1788,
117.2856, 246.7244

 8.8948, 4.8599,
26.4307

176.8145,
148.4633, 298.5627

 4.7292, 2.1653,
16.9175

216.6626,
184.7278, 357.1965

 2.1224, 0.7010,
10.0144

262.0884,

 0.7013, 0.0000,

226.4634, 423.0443

5.3027

313.4573,
274.0546, 496.5246

■ 0.0000, 0.0000,
2.3641

■ 0.0000, 0.0000,
0.7668

■ 48.4522, 35.7544,
98.9553

■ 48.4522, 35.7544,
98.9553

■ 42.0742, 27.8030,
97.7567

■ 55.9929, 45.5712,
100.4527

■ 36.7852, 21.5850,
96.8353

■ 64.7561, 57.3648,
102.2672

■ 32.5078, 16.9572,
96.1675

■ 74.8017, 71.2424,
104.4164

■ 29.1505, 13.7500,
95.7254

■ 86.1842, 87.3022,
106.9164

■ 26.5987, 11.7479,
95.4734

95.0500, 100.0000,
108.9000

■ 25.9531, 11.2942,
95.4199

Harmonies

Analogous

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



37.7595, 35.7544, 124.3610



48.4522, 35.7544, 98.9553



56.0692, 35.7544, 60.6077

Triad

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



48.4522, 35.7544, 98.9553



40.8882, 35.7544, 6.3332



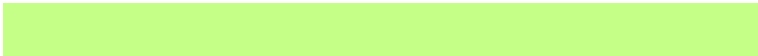
18.1203, 35.7544, 50.3277

Complementary

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



48.4522, 35.7544, 98.9553



63.4222, 85.2752, 36.0400

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.



18.6251, 35.7544, 23.1577



48.4522, 35.7544, 98.9553



30.4680, 35.7544, 5.7058

Square

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



48.4522, 35.7544, 98.9553



51.1332, 35.7544, 12.5805



22.7267, 35.7544, 9.9803



21.1739, 35.7544, 88.2769

Rectangle

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



48.4522, 35.7544, 98.9553



57.6202, 35.7544, 38.2441



22.7267, 35.7544, 9.9803



17.8977, 35.7544, 39.6249

Sweetspot

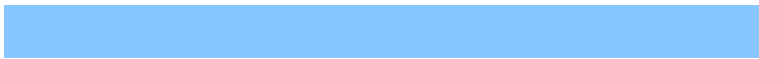
The Sweet Spot groups the original color and five complimentary colors.



48.4535, 35.7557, 98.9555



78.1376, 75.9168, 105.1428



48.4660, 53.2187, 102.3256



16.2180, 15.5387, 22.3944



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.



48.4535, 35.7557, 98.9555



42.6960, 28.5596, 97.8700



66.4981, 45.0581, 99.8000



17.8238, 17.8009, 22.7464



13.7307, 5.9889, 49.8669



1.4620, 0.6476, 4.8612

Inverse Universe

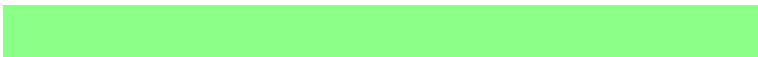
The Inverse Universe completely reimagines the original color for something new.



60.0975, 42.6661, 58.4941



56.0439, 36.4876, 51.1972



50.7814, 78.7586, 35.4484



18.4078, 18.1464, 20.7645



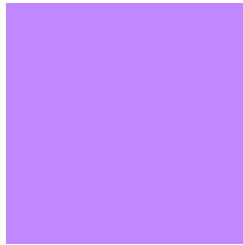
23.8687, 12.0368, 13.2247



2.3792, 1.1941, 1.5785

Previews

White Background



This preview shows how the XYZ color 48.4522, 35.7544, 98.9553 looks on a white background.

Color Contrast Check

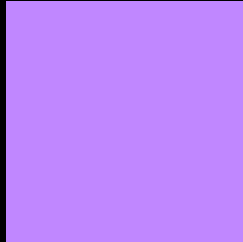
Large Text (above 18pt) WCAG AA × Fail

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 48.4522, 35.7544, 98.9553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

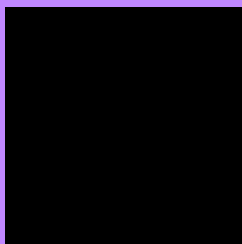
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4522, 35.7544, 98.9553

Background



This preview shows how black text looks on a background with the XYZ color 48.4522, 35.7544, 98.9553.



This preview shows how white text looks on a background with the XYZ color 48.4522, 35.7544,

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

48.4522, 35.7544, 98.9553

Protanopia

38.5890, 35.9588, 99.5146

Deuteranopia

37.2026, 36.1049, 95.4506



Tritanopia

36.9207, 35.6170, 41.9746

Trichromacy



Original Color

48.4522, 35.7544, 98.9553

Protanomaly

41.3508, 35.4223, 99.2655

Deuteranomaly

40.3005, 35.4140, 96.8070

Tritanomaly

40.3066, 35.2950, 59.3318

Monochromacy



Original Color

48.4522, 35.7544, 98.9553

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.5936, 36.6339, 58.4103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4522, 35.7544, 98.9553 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(192, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 135, 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(192, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 135, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.4522, 35.7544, 98.9553 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(192, 135, 255) }
```


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

```
.border{ border-color:rgb(192, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 135,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4522, 35.7544, 98.9553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 135, 255) }
```

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

```
.background{ background-color: rgb(192,  
135, 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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