

Converting Colors

XYZ(48.1587, 35.4111, 98.0395)

Have a look what the booklet for
XYZ(48.1587, 35.4111, 98.0395)
contains.

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Color

**XYZ(48.1527, 35.4124,
98.0633)**

Conversions

Conversions Part 1

Format	Color
Hex	C086FE
RGB	192, 134, 254
RGB Percent	75%, 53%, 100%
CMY	0.2470, 0.4745, 0.0039
CMYK	0.24, 0.47, 0.00, 0.00
HSL	269°, 98%, 76%
HSV	269°, 47%, 100%
XYZ	48.1527, 35.4124, 98.0633
YIQ	165.0220, -3.9520, 49.6160

Conversions

Conversions Part 2

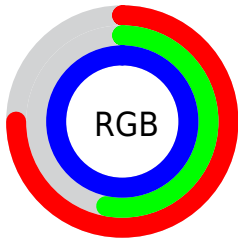
Format	Color
RYB	192, 134, 254
Decimal	12617470
CIELab	66.07, 44.85, -51.65
CIELCh	66, 68.402, 310.972
Yxy	35.4124, 0.2651, 0.1950
Android (android.graphics.Color)	4290807550 (0xFFC086FE)
YUV	165.0220, 43.8662, 23.6597
Hunter-Lab	59.5083, 40.2983, -56.0477

Details

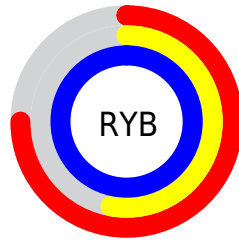
The XYZ color **48.1527, 35.4124, 98.0633** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **62.5106, 84.3413, 35.5403**, and the grayscale version is **35.5736, 37.4262, 40.7572**.

A 20% lighter version of the original color is **75.4576, 63.5104, 102.8894**, and **23.2487, 15.3000, 54.5512** is the 20% darker color. If you saturate the color by 10%, you get **41.8786, 27.5780, 96.8824**, and if you desaturate by 10%, it is **55.5688, 45.0882, 99.5407**.

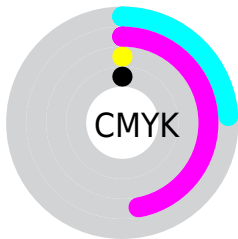
Distribution



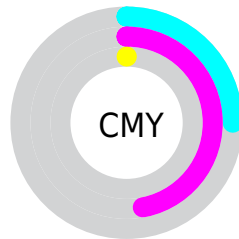
- Red (75%)
- Green (53%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1527, 35.4124, 98.0633 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 48.1527, 35.4124, 98.0633 by changing the saturation by 10% instead.


 48.1527, 35.4124,
98.0633


 48.1527, 35.4124,
98.0633

369.9696,
326.3849, 575.1590


 34.1596, 23.9807,
74.0763

 86.6400, 68.1242,
160.5217

 23.1797, 15.3193,
54.3593

 111.8650, 90.1730,
199.8302

 14.8477, 9.0438,
38.4939


 141.5645,
116.5297, 245.0830

 8.7982, 4.7698,
26.0614

176.1041,
147.5787, 296.6985

 4.6658, 2.1128,
16.6434

215.8491,
183.7043, 355.0953

 2.0853, 0.6718,
9.8213

261.1647,

 0.6812, 0.0000,

225.2909, 420.6919

5.1766

312.4164,
272.7230, 493.9070

■ 0.0000, 0.0000,
2.2907

■ 0.0000, 0.0000,
0.7260

■ 48.1527, 35.4124,
98.0633

■ 48.1527, 35.4124,
98.0633

■ 41.8786, 27.5780,
96.8824

■ 55.5688, 45.0882,
99.5407

■ 36.6732, 21.4542,
95.9747

■ 64.1855, 56.7155,
101.3308

■ 32.4604, 16.8988,
95.3175

■ 74.0618, 70.4006,
103.4518

■ 29.1498, 13.7437,
94.8830

■ 85.2515, 86.2406,
105.9194

■ 26.6269, 11.7729,
94.6356

94.8895, 99.9358,
108.0549

■ 26.0249, 11.3497,
94.5856

Harmonies

Analogous

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



37.5131, 35.4124, 123.6286



48.1527, 35.4124, 98.0633



55.6965, 35.4124, 59.8136

Triad

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



48.1527, 35.4124, 98.0633



40.4340, 35.4124, 6.1732



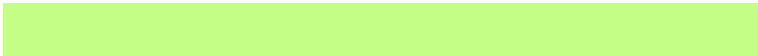
17.8986, 35.4124, 50.2103

Complementary

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



48.1527, 35.4124, 98.0633



62.5106, 84.3413, 35.5403

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.



18.3687, 35.4124, 23.0493



48.1527, 35.4124, 98.0633



30.0773, 35.4124, 5.5929

Square

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



48.1527, 35.4124, 98.0633



50.6576, 35.4124, 12.2867



22.4106, 35.4124, 9.8731



20.9639, 35.4124, 88.0732

Rectangle

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



48.1527, 35.4124, 98.0633



57.1985, 35.4124, 37.6172



22.4106, 35.4124, 9.8731



17.6672, 35.4124, 39.5145

Sweetspot

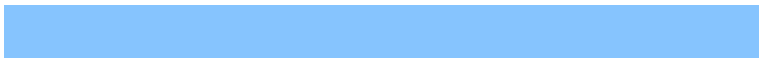
The Sweet Spot groups the original color and five complimentary colors.



48.1541, 35.4138, 98.0641



78.2366, 75.9678, 105.1475



47.4619, 51.7052, 101.2452



16.2421, 15.5511, 22.3956



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.



48.1541, 35.4138, 98.0641



42.3882, 27.9882, 97.7759



66.5603, 44.9025, 98.9255



17.8386, 17.8085, 22.7471



13.8891, 6.0706, 49.8743



1.4778, 0.6557, 4.8620

Inverse Universe

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



59.3628, 42.1077, 57.2241



55.5084, 35.8286, 49.7487



49.8992, 77.8399, 34.9501



18.4012, 18.1438, 20.7301



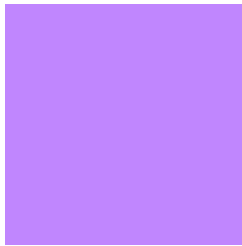
23.7919, 12.0061, 12.8205



2.3718, 1.1911, 1.5391

Previews

White Background



This preview shows how the XYZ color 48.1527, 35.4124, 98.0633 looks on a white background.

Color Contrast Check

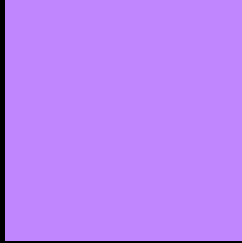
Large Text (above 18pt) WCAG AA × Fail

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 48.1527, 35.4124, 98.0633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

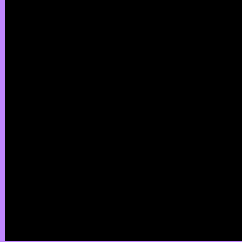
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1527, 35.4124, 98.0633

Background



This preview shows how black text looks on a background with the XYZ color 48.1527, 35.4124, 98.0633.



This preview shows how white text looks on a background with the XYZ color 48.1527, 35.4124,

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

48.1527, 35.4124, 98.0633

Protanopia

38.4452, 35.8847, 99.5079

Deuteranopia

36.8721, 35.6942, 94.5688



Tritanopia

36.5700, 35.2115, 40.9454

Trichromacy



Original Color

48.1527, 35.4124, 98.0633



Protanomaly

41.0102, 35.0108, 99.2040



Deuteranomaly

39.9808, 35.0275, 95.9206

Tritanomaly

39.9182, 34.8897, 58.0566

Monochromacy



Original Color

48.1527, 35.4124, 98.0633



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

39.3128, 36.2564, 57.7495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1527, 35.4124, 98.0633 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, 134, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 134, 254)  
}
```

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, 134, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 134, 254) }
```

Border

The CSS property to change the border of an element to XYZ 48.1527, 35.4124, 98.0633 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, 134, 254) }
```


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

```
.border{ border-color:rgb(192, 134, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 134, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 134, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 134, 254);  
box-shadow:4px 4px 4px 4px rgb(192, 134,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1527, 35.4124, 98.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 134, 254) }
```

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

```
.background{ background-color: rgb(192,  
134, 254) }
```

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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