

Converting Colors

XYZ(48.9941, 25.4385, 92.0906)

Have a look what the booklet for
XYZ(48.9941, 25.4385, 92.0906)
contains.

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Color

**XYZ(48.9934, 25.4538,
91.9534)**

Conversions

Conversions Part 1

Format	Color
Hex	DF39F9
RGB	223, 57, 249
RGB Percent	87%, 22%, 98%
CMY	0.1255, 0.7764, 0.0235
CMYK	0.10, 0.77, 0.00, 0.02
HSL	292°, 94%, 60%
HSV	292°, 77%, 98%
XYZ	48.9934, 25.4538, 91.9534
YIQ	128.5220, 37.3040, 94.9040

Conversions

Conversions Part 2

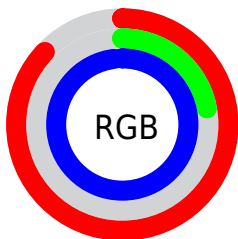
Format	Color
R _Y B	223, 57, 249
Decimal	14629369
CIE Lab	57.51, 84.03, -62.30
CIE LCh	58, 104.599, 323.447
Yxy	25.4538, 0.2944, 0.1530
Android (android.graphics.Color)	4292819449 (0xFFDF39F9)
YUV	128.5220, 59.3957, 82.8572
Hunter-Lab	50.4518, 85.0497, -72.7458

Details

The XYZ color **48.9934, 25.4538, 91.9534** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **38.1824, 69.8865, 15.3489**, and the grayscale version is **20.4916, 21.5588, 23.4775**.

A 20% lighter version of the original color is **66.2495, 42.3991, 99.2998**, and **24.6187, 11.5923, 50.8092** is the 20% darker color. If you saturate the color by 10%, you get **47.0217, 23.0364, 91.5911**, and if you desaturate by 10%, it is **51.5907, 29.0895, 92.5187**.

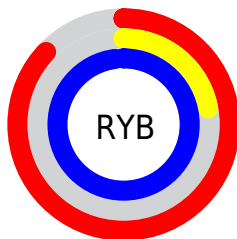
Distribution



Red (87%)

Green (22%)

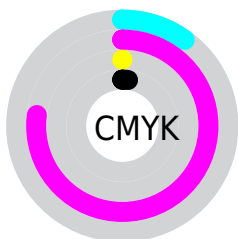
Blue (98%)



Red (87%)

Yellow (22%)

Blue (98%)

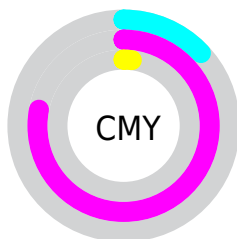


Cyan (10%)

Magenta (77%)

Yellow (0%)

Black (2%)



Cyan (13%)


Magenta (78%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9934, 25.4538, 91.9534 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 48.9934, 25.4538, 91.9534 by changing the saturation by 10% instead.


 48.9934, 25.4538,
91.9534

 48.9934, 25.4538,
91.9534


373.2337,
280.0904, 555.0981


 34.8288, 16.4155,
69.0191


 87.8824, 52.3925,
152.0079

 23.6969, 9.8186,
50.2554


 113.3375, 71.0616,
189.9653


 15.2324, 5.2789,
35.2438


 143.2868, 93.7098,
233.7674

 9.0701, 2.4118,
23.5657

 178.0957,
120.7214, 283.8327

 4.8444, 0.8319,
14.8025

 218.1294,
152.4809, 340.5800

 2.1901, 0.0000,
8.5358

263.7535,

 0.7375, 0.0000,

189.3727, 404.4276

4.3470

315.3331,
231.7810, 475.7941

■ 0.0000, 0.0000,
1.8176

■ 0.0000, 0.0000,
0.4395

■ 48.9934, 25.4538,
91.9534

■ 48.9934, 25.4538,
91.9534

■ 47.0217, 23.0364,
91.5911

■ 51.5907, 29.0895,
92.5187

■ 45.5725, 21.6343,
91.3969

■ 54.8882, 34.0959,
93.3112

■ 45.2062, 21.3294,
91.3573

■ 58.9533, 40.6064,
94.3536

■ 63.8445, 48.7378,
95.6653

69.6144, 58.5953,
97.2639

76.3112, 70.2751,
99.1654

83.9797, 83.8664,
101.3846

92.2749, 98.6792,
103.8065

93.4939, 99.3077,
103.8636

Harmonies

Analogous

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



35.0331, 25.4538, 150.3494



48.9934, 25.4538, 91.9534



56.6535, 25.4538, 36.3055

Triad

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



48.9934, 25.4538, 91.9534



27.0314, 25.4538, 0.0000



8.1976, 25.4538, 64.9633

Complementary

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



48.9934, 25.4538, 91.9534



38.1824, 69.8865, 15.3489

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.



7.3437, 25.4538, 20.5990



48.9934, 25.4538, 91.9534



15.8573, 25.4538, 0.2238

Square

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



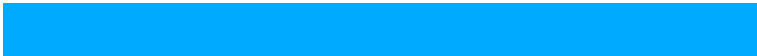
48.9934, 25.4538, 91.9534



41.4506, 25.4538, 1.0614



9.5996, 25.4538, 3.6444



12.5458, 25.4538, 127.4473

Rectangle

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



48.9934, 25.4538, 91.9534



55.7758, 25.4538, 14.6248



9.5996, 25.4538, 3.6444



7.5720, 25.4538, 46.9293

Sweetspot

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



48.9945, 25.4549, 91.9539



76.2472, 66.6426, 103.4524



22.0991, 14.3344, 91.2250



15.7939, 13.3514, 21.9946



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.



48.9945, 25.4549, 91.9539



48.6603, 23.3177, 96.5438



48.9538, 26.4361, 46.6719



17.7483, 17.3984, 21.8081



24.2872, 11.4632, 48.9061



2.3113, 1.0936, 4.5324

Inverse Universe

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



42.0922, 23.6915, 10.5393



42.0288, 21.9177, 5.0289



39.2147, 70.0822, 30.5973



17.3403, 17.2635, 18.3817



21.0934, 10.8531, 1.9344



1.9822, 1.0166, 0.3297

Previews

White Background



This preview shows how the XYZ color 48.9934, 25.4538, 91.9534 looks on a white background.

Color Contrast Check

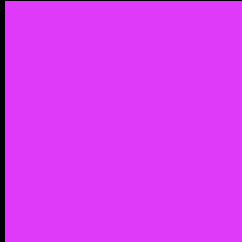
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9934, 25.4538, 91.9534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

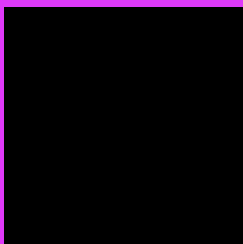
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 48.9934, 25.4538, 91.9534

Background



This preview shows how black text looks on a background with the XYZ color 48.9934, 25.4538, 91.9534.



This preview shows how white text looks on a background with the XYZ color 48.9934, 25.4538,

91.9534.

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

48.9934, 25.4538, 91.9534

Protanopia

29.5380, 26.0038, 98.0702

Deuteranopia

26.7652, 25.9705, 82.9590



Tritanopia

33.9685, 25.1079, 19.5790

Trichromacy



Original Color

48.9934, 25.4538, 91.9534



Protanomaly

31.8894, 22.1964, 95.5321



Deuteranomaly

29.6215, 21.7137, 85.8490



Tritanomaly

37.4246, 23.8221, 37.7476

Monochromacy



Original Color

48.9934, 25.4538, 91.9534



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

27.4973, 20.5042, 42.0436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9934, 25.4538, 91.9534 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(223, 57, 249)` looks like.

```
.text, #text, p{  
    color:rgb(223, 57, 249)  
}
```

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(223, 57, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 57, 249) }
```

Border

The CSS property to change the border of an element to XYZ 48.9934, 25.4538, 91.9534 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(223, 57, 249) }
```


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

```
.border{ border-color:rgb(223, 57, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 57, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 57, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 57, 249);  
box-shadow:4px 4px 4px 4px rgb(223, 57,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9934, 25.4538, 91.9534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 57, 249) }
```

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

```
.background{ background-color: rgb(223, 57,  
249) }
```

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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