

# Converting Colors

XYZ(54.1391, 47.3026, 75.2269)

Have a look what the booklet for  
XYZ(54.1391, 47.3026, 75.2269)  
contains.

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# Color

**XYZ(54.0514, 47.1281,  
75.3551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3A8DE
RGB	211, 168, 222
RGB Percent	83%, 66%, 87%
CMY	0.1725, 0.3412, 0.1294
CMYK	0.05, 0.24, 0.00, 0.13
HSL	288°, 45%, 76%
HSV	288°, 24%, 87%
XYZ	54.0514, 47.1281, 75.3551
YIQ	187.0130, 8.2940, 25.9100

# Conversions

## Conversions Part 2

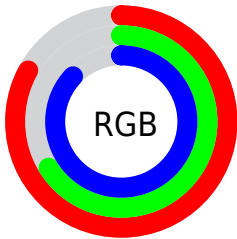
Format	Color
R <sub>Y</sub> B	211, 168, 222
Decimal	13871326
CIE Lab	74.27, 25.15, -21.27
CIE LCh	74, 32.933, 319.776
Yxy	47.1281, 0.3062, 0.2670
Android (android.graphics.Color)	4292061406 (0xFFD3A8DE)
YUV	187.0130, 17.2486, 21.0366
Hunter-Lab	68.6499, 20.4044, -17.0261

# Details

The XYZ color **54.0514, 47.1281, 75.3551** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7813, 64.6547, 46.7986**, and the grayscale version is **47.1452, 49.6004, 54.0149**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **26.9307, 22.3487, 39.4535** is the 20% darker color. If you saturate the color by 10%, you get **49.0206, 38.9621, 74.0448**, and if you desaturate by 10%, it is **59.8213, 56.7162, 76.9024**.

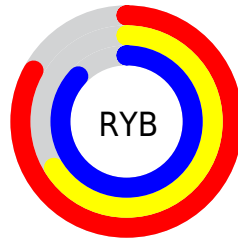
# Distribution



Red (83%)

Green (66%)

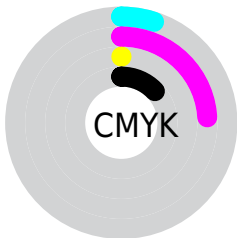
Blue (87%)



Red (83%)

Yellow (66%)

Blue (87%)

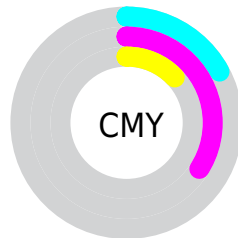


Cyan (5%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (17%)

Magenta (34%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0514, 47.1281, 75.3551 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 54.0514, 47.1281, 75.3551 by changing the saturation by 10% instead.




 54.0514, 47.1281,  
75.3551


 54.0514, 47.1281,  
75.3551

392.5011,  
375.3256, 498.4252

 38.8736, 33.1369,  
55.4004

 95.3062, 85.9048,  
128.5666

 26.8417, 22.2314,  
39.3216


 122.1138,  
111.4591, 162.6605

 17.5903, 14.0270,  
26.7003


153.5288,  
141.6366, 202.3045

 10.7542, 8.1394,  
17.1178

189.9165,  
176.8217, 247.9171

 5.9679, 4.1843,  
10.1557

231.6422,  
217.3988, 299.9170

 2.8660, 1.7772,  
5.3953

279.0713,

 1.0833, 0.4729,

263.7522, 358.7226

2.4183

332.5692,  
316.2663, 424.7524

■ 0.0111, 0.0000,  
0.7964

■ 0.0000, 0.0000,  
0.0000

■ 54.0514, 47.1281,  
75.3551

■ 54.0514, 47.1281,  
75.3551

■ 49.0206, 38.9621,  
74.0448

■ 59.8213, 56.7162,  
76.9024

■ 44.6886, 32.1409,  
72.9565

■ 66.3590, 67.7866,  
78.6946

■ 41.0179, 26.5891,  
72.0783

■ 73.6974, 80.4031,  
80.7431

■ 37.9656, 22.2214,  
71.3961

■ 81.2871, 93.4670,  
82.8646

35.4834, 18.9416,  
70.8939

82.7499, 94.2210,  
82.9331

33.5156, 16.6385,  
70.5531

84.2505, 94.9946,  
83.0033

31.9941, 15.1767,  
70.3511

85.7892, 95.7879,  
83.0753

31.2657, 14.5950,  
70.2772

87.3664, 96.6010,  
83.1491

88.9823, 97.4340,  
83.2248

# Harmonies

## Analogous

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



48.7534, 47.1281, 88.4757



54.0514, 47.1281, 75.3551



56.9453, 47.1281, 57.3160

# Triad

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



54.0514, 47.1281, 75.3551



46.8431, 47.1281, 25.4699



34.9206, 47.1281, 63.1437

# Complementary

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



54.0514, 47.1281, 75.3551



51.7813, 64.6547, 46.7986

# 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.



34.5070, 47.1281, 45.7473



54.0514, 47.1281, 75.3551



41.0547, 47.1281, 26.3602

# Square

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



54.0514, 47.1281, 75.3551



52.5476, 47.1281, 30.2452



36.6587, 47.1281, 33.0226



37.8430, 47.1281, 80.4201



# Rectangle

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



54.0514, 47.1281, 75.3551



56.9634, 47.1281, 45.9798



36.6587, 47.1281, 33.0226



34.4941, 47.1281, 57.0467

# Sweetspot

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



54.0529, 47.1301, 75.3561



88.2925, 88.4521, 107.0272



45.5960, 46.1225, 75.6074



18.7790, 18.7298, 22.8754



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.



54.0529, 47.1301, 75.3561



70.4974, 58.8021, 102.2421



55.3541, 48.0272, 65.1934



14.0073, 13.7873, 17.3106



18.6648, 8.7174, 41.7472



1.3637, 0.6403, 2.8970



# Inverse Universe

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



52.2652, 46.7917, 48.9272



67.7509, 58.3188, 59.9786



50.8499, 64.0000, 54.6388



13.8208, 13.7460, 14.8268



18.2092, 9.3507, 2.5016

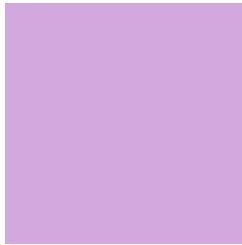


1.2943, 0.6610, 0.3428



# Previews

## White Background



This preview shows how the XYZ color 54.0514, 47.1281, 75.3551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

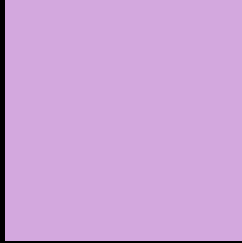
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.0514, 47.1281, 75.3551 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 54.0514, 47.1281, 75.3551

## Background



This preview shows how black text looks on a background with the XYZ color 54.0514, 47.1281, 75.3551.



This preview shows how white text looks on a background with the XYZ color 54.0514, 47.1281,



# 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

54.0514, 47.1281, 75.3551

### Protanopia

47.5252, 47.3633, 82.2385

### Deuteranopia

48.3298, 47.3526, 74.3029



## Tritanopia

49.6668, 47.0248, 54.0359

# Trichromacy



## Original Color

54.0514, 47.1281, 75.3551

## Protanomaly

49.5365, 46.9664, 79.8534

## Deuteranomaly

50.3734, 47.2179, 74.8656

## Tritanomaly

51.1903, 47.0851, 61.0339

# Monochromacy



## Original Color

54.0514, 47.1281, 75.3551

## Achromatopsia

47.2335, 49.6933, 54.1160

## Achromatomaly

49.5115, 48.5484, 61.4048

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.0514, 47.1281, 75.3551 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(211, 168, 222)` looks like.

```
.text, #text, p{  
    color:rgb(211, 168, 222)  
}
```

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(211, 168, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 168, 222) }
```

## Border

The CSS property to change the border of an element to XYZ 54.0514, 47.1281, 75.3551 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(211, 168, 222) }
```



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

```
.border{ border-color:rgb(211, 168, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 168, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 168, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 168, 222);  
box-shadow:4px 4px 4px 4px rgb(211, 168,  
222) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.0514, 47.1281, 75.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 168, 222) }
```

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

```
.background{ background-color: rgb(211,  
168, 222) }
```

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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