

# Converting Colors

XYZ(54.2725, 53.5154, 74.4869)

Have a look what the booklet for  
XYZ(54.2725, 53.5154, 74.4869)  
contains.

<b>XYZ(54.2725, 53.5154, 74.4869)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(54.2725, 53.5154,  
74.4869)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BDDB
RGB	198, 189, 219
RGB Percent	78%, 74%, 86%
CMY	0.2235, 0.2588, 0.1412
CMYK	0.10, 0.14, 0.00, 0.14
HSL	258°, 29%, 80%
HSV	258°, 14%, 86%
XYZ	54.2725, 53.5154, 74.4869
YIQ	195.1110, -4.2660, 11.2380

# Conversions

## Conversions Part 2

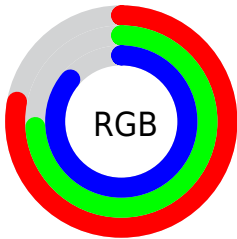
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 189, 219
Decimal	13024731
CIE <sub>Lab</sub>	78.18, 8.87, -13.85
CIE <sub>LCh</sub>	78, 16.447, 302.638
Yxy	53.5154, 0.2978, 0.2936
Android (android.graphics.Color)	4291214811 (0xFFC6BDDDB)
YUV	195.1110, 11.7773, 2.5337
Hunter-Lab	73.1542, 4.4078, -9.1622

# Details

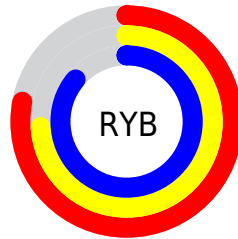
The XYZ color **54.2725, 53.5154, 74.4869** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.0970, 68.0402, 58.0595**, and the grayscale version is **51.8731, 54.5745, 59.4317**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **27.0066, 26.2179, 38.7591** is the 20% darker color. If you saturate the color by 10%, you get **46.0744, 42.8172, 72.8548**, and if you desaturate by 10%, it is **63.5942, 65.8516, 76.3776**.

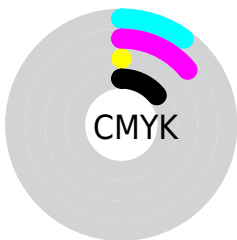
# Distribution



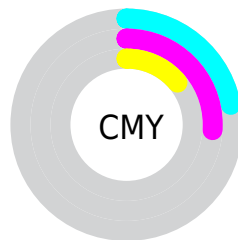
- Red (78%)
- Green (74%)
- Blue (86%)



- Red (78%)
- Yellow (74%)
- Blue (86%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (26%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2725, 53.5154, 74.4869 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 54.2725, 53.5154, 74.4869 by changing the saturation by 10% instead.



■ 54.2725, 53.5154,  
74.4869

■ 54.2725, 53.5154,  
74.4869

393.3297,  
400.2594, 495.3604

■ 39.0511, 38.2144,  
54.6934

■ 95.6288, 95.3623,  
127.3262

■ 26.9804, 26.1491,  
38.7594

122.4944,  
122.6770, 161.2091

■ 17.6950, 16.9352,  
26.2662

153.9721,  
154.7651, 200.6256

■ 10.8296, 10.1883,  
16.7954

190.4273,  
192.0109, 245.9942

■ 6.0188, 5.5240,  
9.9283

232.2252,  
234.7988, 297.7334

■ 2.8973, 2.5579,  
5.2464

279.7314,

■ 1.0997, 0.9055,

283.5133, 356.2618

2.3313

333.3111,  
338.5387, 421.9980

■ 0.0249, 0.0000,  
0.7487

■ 0.0000, 0.0000,  
0.0000

■ 54.2725, 53.5154,  
74.4869

■ 54.2725, 53.5154,  
74.4869

■ 46.0744, 42.8172,  
72.8548

■ 63.5942, 65.8516,  
76.3776

■ 38.9512, 33.6803,  
71.4667

■ 74.0761, 79.8846,  
78.5337

■ 32.8576, 26.0322,  
70.3116

■ 85.7589, 95.6786,  
80.9665

■ 27.7431, 19.7917,  
69.3766

■ 89.7863, 97.8945,  
81.1820

■ 23.5526, 14.8695,  
68.6474

■ 20.2251, 11.1659,  
68.1080

■ 17.6916, 8.5665,  
67.7398

■ 15.8701, 6.9335,  
67.5205

■ 15.0123, 6.2620,  
67.4362

# Harmonies

## Analogous

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



51.1499, 53.5154, 77.8060



54.2725, 53.5154, 74.4869



56.5554, 53.5154, 66.7916

# Triad

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



54.2725, 53.5154, 74.4869



53.7595, 53.5154, 43.9164



44.9356, 53.5154, 59.0880

# Complementary

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



54.2725, 53.5154, 74.4869



61.0970, 68.0402, 58.0595

# 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.



45.5693, 53.5154, 50.5044



54.2725, 53.5154, 74.4869



50.5807, 53.5154, 42.3114

# Square

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



54.2725, 53.5154, 74.4869



56.2505, 53.5154, 49.2321



47.6028, 53.5154, 44.5949



45.8343, 53.5154, 68.3496



# Rectangle

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



54.2725, 53.5154, 74.4869



57.2458, 53.5154, 60.5675



47.6028, 53.5154, 44.5949



44.9765, 53.5154, 56.0298

# Sweetspot

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



54.2741, 53.5177, 74.4881



89.3035, 92.3347, 107.7233



56.9445, 62.2754, 76.0378



18.8897, 19.4642, 23.0113



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.



54.2741, 53.5177, 74.4881



73.6488, 71.6541, 104.5567



58.2812, 55.5834, 74.6756



12.7040, 12.8055, 16.4543



8.9984, 3.7630, 39.9905



0.6687, 0.2880, 2.5948



# Inverse Universe

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



59.0456, 56.1107, 68.6935



81.4789, 75.9111, 94.9636



57.1537, 66.0073, 57.8750



13.4393, 13.2048, 15.5748



20.7972, 10.3199, 19.1101



1.3847, 0.6835, 1.4349



# Previews

## White Background



This preview shows how the XYZ color 54.2725, 53.5154, 74.4869 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

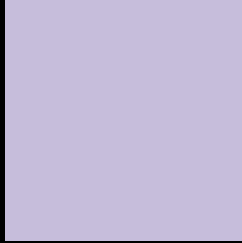
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.2725, 53.5154, 74.4869 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

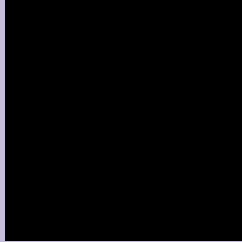
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.2725, 53.5154, 74.4869**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.2725, 53.5154, 74.4869.



This preview shows how white text looks on a background with the XYZ color 54.2725, 53.5154,



# 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

54.2725, 53.5154, 74.4869

### Protanopia

52.8870, 53.7385, 75.9917

### Deuteranopia

54.5888, 53.3603, 74.4403



## Tritanopia

52.5363, 53.4536, 65.9411

# Trichromacy



## Original Color

54.2725, 53.5154, 74.4869

## Protanomaly

53.2873, 53.6354, 75.2543

## Deuteranomaly

54.3226, 53.2230, 74.4278

## Tritanomaly

53.1973, 53.4004, 69.1315

# Monochromacy



## Original Color

54.2725, 53.5154, 74.4869

## Achromatopsia

51.8711, 54.5724, 59.4294

## Achromatomaly

52.7340, 54.2353, 64.8158

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.2725, 53.5154, 74.4869 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(198, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 219)  
}
```

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(198, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 54.2725, 53.5154, 74.4869 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(198, 189, 219) }
```



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

```
.border{ border-color:rgb(198, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.2725, 53.5154, 74.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 219) }
```

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

```
.background{ background-color: rgb(198,  
189, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor