

# Converting Colors

XYZ(56.8711, 53.4669, 70.6239)

Have a look what the booklet for  
XYZ(56.8711, 53.4669, 70.6239)  
contains.

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# Color

**XYZ(57.0096, 53.4322,  
70.9270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6B8D6
RGB	214, 184, 214
RGB Percent	84%, 72%, 84%
CMY	0.1608, 0.2784, 0.1608
CMYK	0.00, 0.14, 0.00, 0.16
HSL	300°, 27%, 78%
HSV	300°, 14%, 84%
XYZ	57.0096, 53.4322, 70.9270
YIQ	196.3900, 8.2500, 15.6900

# Conversions

## Conversions Part 2

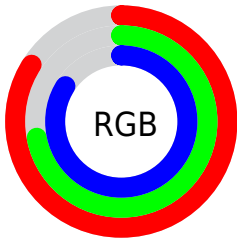
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 184, 214
Decimal	14072022
CIE Lab	78.13, 15.94, -11.08
CIE LCh	78, 19.413, 325.196
Yxy	53.4322, 0.3143, 0.2946
Android (android.graphics.Color)	4292262102 (0xFFD6B8D6)
YUV	196.3900, 8.6817, 15.4440
Hunter-Lab	73.0973, 11.2942, -6.3615

# Details

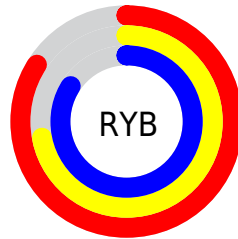
The XYZ color **57.0096, 53.4322, 70.9270** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **52.4675, 61.7456, 54.5030**, and the grayscale version is **52.6508, 55.3928, 60.3227**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **28.6724, 26.1067, 36.3288** is the 20% darker color. If you saturate the color by 10%, you get **52.8968, 45.2057, 69.5567**, and if you desaturate by 10%, it is **61.7980, 63.0082, 72.5238**.

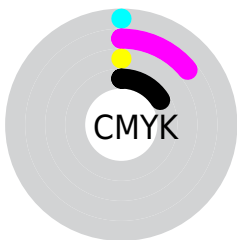
# Distribution



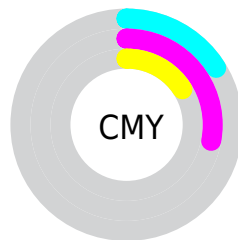
- Red (84%)
- Green (72%)
- Blue (84%)



- Red (84%)
- Yellow (72%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)




- Cyan (16%)
- Magenta (28%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0096, 53.4322, 70.9270 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 57.0096, 53.4322, 70.9270 by changing the saturation by 10% instead.




 57.0096, 53.4322,  
70.9270

 57.0096, 53.4322,  
70.9270


403.4989,  
399.9411, 482.6750

 41.2531, 38.1479,  
51.8012

 99.6105, 95.2400,  
122.2233

 28.7055, 26.0975,  
36.4655


127.1856,  
122.5324, 155.2308

 19.0013, 16.8966,  
24.5014


159.4309,  
154.5962, 193.7026

 11.7752, 10.1608,  
15.4903

196.7119,  
191.8159, 238.0572

 6.6619, 5.5057,  
9.0138

239.3938,  
234.5758, 288.7132

 3.2960, 2.5469,  
4.6532

287.8420,

 1.3122, 0.9001,

283.2604, 346.0892

1.9901

342.4219,  
338.2540, 410.6036

■ 0.1923, 0.0000,  
0.5492

■ 0.0000, 0.0000,  
0.0000

■ 57.0096, 53.4322,  
70.9270

■ 57.0096, 53.4322,  
70.9270

■ 52.8968, 45.2057,  
69.5567

■ 61.7980, 63.0082,  
72.5238

■ 49.4247, 38.2616,  
68.3993

■ 67.2855, 73.9832,  
74.3530

■ 46.5626, 32.5374,  
67.4453

■ 73.5002, 86.4126,  
76.4246

■ 44.2753, 27.9627,  
66.6828

■ 75.6296, 90.6714,  
77.1344

42.5238, 24.4598,  
66.0990

75.6296, 90.6714,  
77.1344

41.2647, 21.9416,  
65.6792

75.6297, 90.6714,  
77.1344

40.4475, 20.3072,  
65.4068

75.6297, 90.6714,  
77.1344

40.0110, 19.4343,  
65.2613

75.6297, 90.6714,  
77.1344

39.8696, 19.1514,  
65.2142

75.6297, 90.6714,  
77.1345

# Harmonies

## Analogous

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



53.9527, 53.4322, 79.1881



57.0096, 53.4322, 70.9270



58.4017, 53.4322, 59.9448

# Triad

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



57.0096, 53.4322, 70.9270



51.3987, 53.4322, 39.7558



44.4709, 53.4322, 67.5265

# Complementary

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



57.0096, 53.4322, 70.9270



52.4675, 61.7456, 54.5030

# 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.



43.8624, 53.4322, 56.4474



57.0096, 53.4322, 70.9270



47.7452, 53.4322, 41.2584

# Square

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



57.0096, 53.4322, 70.9270



55.0612, 53.4322, 42.6647



45.0321, 53.4322, 47.0573



46.7375, 53.4322, 77.0599



# Rectangle

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



57.0096, 53.4322, 70.9270



58.1504, 53.4322, 52.8761



45.0321, 53.4322, 47.0573



44.0706, 53.4322, 63.8242

# Sweetspot

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



57.0112, 53.4345, 70.9282



91.8819, 93.6639, 107.8440



49.0477, 49.3292, 70.5555



19.5431, 19.8010, 23.0419



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.



57.0112, 53.4345, 70.9282



82.7461, 75.3922, 104.7987



55.1826, 52.7031, 61.2990



12.9531, 12.6327, 15.6932



24.0983, 11.5756, 39.4173



1.4535, 0.6982, 2.3775



# Inverse Universe

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



57.0112, 53.4345, 70.9282



82.7461, 75.3922, 104.7987



54.1244, 62.4084, 63.2281



12.9531, 12.6327, 15.6932



24.0983, 11.5756, 39.4173

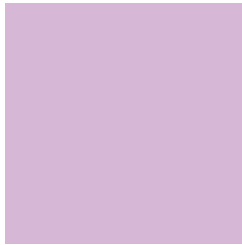


1.4535, 0.6982, 2.3775



# Previews

## White Background



This preview shows how the XYZ color 57.0096, 53.4322, 70.9270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

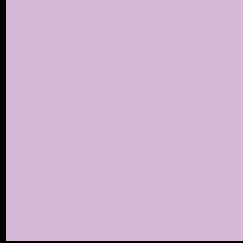
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.0096, 53.4322, 70.9270 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

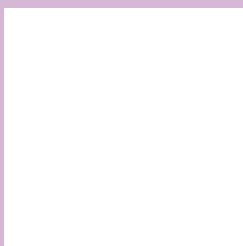
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 57.0096, 53.4322, 70.9270**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.0096, 53.4322, 70.9270.



This preview shows how white text looks on a background with the XYZ color 57.0096, 53.4322,



# 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

57.0096, 53.4322, 70.9270

### Protanopia

52.6221, 53.6326, 74.5965

### Deuteranopia

54.6221, 53.4670, 70.3921



## Tritanopia

55.2529, 53.3319, 62.6403

# Trichromacy



## Original Color

57.0096, 53.4322, 70.9270

## Protanomaly

54.0107, 53.4107, 73.1083

## Deuteranomaly

55.5127, 53.6101, 70.3727

## Tritanomaly

55.9301, 53.3003, 65.7327

# Monochromacy



## Original Color

57.0096, 53.4322, 70.9270

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

54.2577, 54.7076, 64.1998

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.0096, 53.4322, 70.9270 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(214, 184, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 184, 214)  
}
```

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(214, 184, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 184, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 57.0096, 53.4322, 70.9270 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(214, 184, 214) }
```



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

```
.border{ border-color:rgb(214, 184, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 184, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 184, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 184, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 184,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.0096, 53.4322, 70.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 184, 214) }
```

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

```
.background{ background-color: rgb(214,  
184, 214) }
```

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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