

# Converting Colors

XYZ(60.8748, 53.7458, 81.1370)

Have a look what the booklet for  
XYZ(60.8748, 53.7458, 81.1370)  
contains.

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# Color

**XYZ(61.0034, 53.7446,  
81.2873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0B3E5
RGB	224, 179, 229
RGB Percent	88%, 70%, 90%
CMY	0.1216, 0.2980, 0.1020
CMYK	0.02, 0.22, 0.00, 0.10
HSL	294°, 49%, 80%
HSV	294°, 22%, 90%
XYZ	61.0034, 53.7446, 81.2873
YIQ	198.1550, 10.7700, 25.0900

# Conversions

## Conversions Part 2

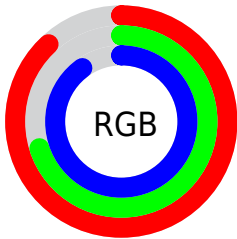
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 179, 229
Decimal	14726117
CIE <sub>Lab</sub>	78.31, 24.78, -18.83
CIE <sub>LCh</sub>	78, 31.117, 322.771
Yxy	53.7446, 0.3112, 0.2742
Android (android.graphics.Color)	4292916197 (0xFFE0B3E5)
YUV	198.1550, 15.2066, 22.6661
Hunter-Lab	73.3107, 20.2399, -14.4236

# Details

The XYZ color **61.0034, 53.7446, 81.2873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.9251, 69.4850, 53.1148**, and the grayscale version is **53.6780, 56.4734, 61.4995**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **31.1521, 26.2637, 42.9627** is the 20% darker color. If you saturate the color by 10%, you get **56.0850, 44.9534, 79.8505**, and if you desaturate by 10%, it is **66.6968, 64.0696, 82.9810**.

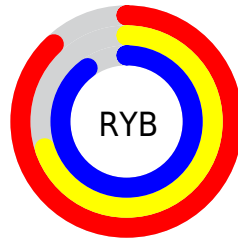
# Distribution



Red (88%)

Green (70%)

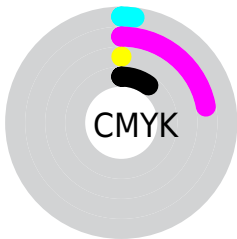
Blue (90%)



Red (88%)

Yellow (70%)

Blue (90%)

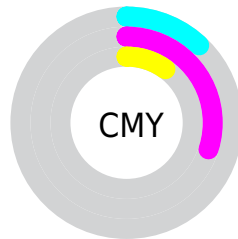


Cyan (2%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (12%)

Magenta (30%)


Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0034, 53.7446, 81.2873 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 61.0034, 53.7446, 81.2873 by changing the saturation by 10% instead.




 61.0034, 53.7446,  
81.2873

 61.0034, 53.7446,  
81.2873


418.0622,  
401.1353, 519.0813

 44.4805, 38.3975,  
60.2459


 105.3819, 95.6991,  
137.0018

 31.2479, 26.2914,  
43.1902


133.9683,  
123.0754, 172.5119

 20.9405, 17.0417,  
29.7019


167.3064,  
155.2301, 213.6821

 13.1927, 10.2642,  
19.3623

205.7618,  
192.5478, 260.9307

 7.6393, 5.5745,  
11.7529

249.6997,  
235.4128, 314.6764

 3.9149, 2.5881,  
6.4552

299.4855,

 1.6541, 0.9207,

284.2094, 375.3377

3.0505

355.4845,  
339.3221, 443.3332

■ 0.4273, 0.0000,  
1.1205

■ 0.0000, 0.0000,  
0.0000

■ 61.0034, 53.7446,  
81.2873

■ 61.0034, 53.7446,  
81.2873

■ 56.0850, 44.9534,  
79.8505

■ 66.6968, 64.0696,  
82.9810

■ 51.8990, 37.6139,  
78.6544

■ 73.1953, 75.9916,  
84.9396

■ 48.4062, 31.6468,  
77.6867

■ 80.5334, 89.5785,  
87.1754

■ 45.5619, 26.9624,  
76.9325

■ 83.5601, 94.5281,  
87.9712

43.3156, 23.4603,  
76.3749

84.3133, 94.9163,  
88.0065

41.6099, 21.0253,  
75.9948

85.0762, 95.3097,  
88.0422

40.3753, 19.5188,  
75.7691

85.8489, 95.7080,  
88.0784

39.6247, 18.7935,  
75.6686

86.6315, 96.1114,  
88.1150

87.4238, 96.5199,  
88.1521

# Harmonies

## Analogous

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



55.7587, 53.7446, 95.2820



61.0034, 53.7446, 81.2873



63.6257, 53.7446, 62.8486

# Triad

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



61.0034, 53.7446, 81.2873



52.5729, 53.7446, 31.1177



41.0121, 53.7446, 72.5085

# Complementary

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



61.0034, 53.7446, 81.2873



55.9251, 69.4850, 53.1148

# 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.



40.3069, 53.7446, 54.3925



61.0034, 53.7446, 81.2873



46.6756, 53.7446, 32.6867

# Square

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



61.0034, 53.7446, 81.2873



58.5132, 53.7446, 35.6384



42.3003, 53.7446, 40.4563



44.3094, 53.7446, 89.5503



# Rectangle

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



61.0034, 53.7446, 81.2873



63.3980, 53.7446, 51.4020



42.3003, 53.7446, 40.4563



40.4753, 53.7446, 66.2637

# Sweetspot

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



61.0051, 53.7469, 81.2885



88.9640, 88.7983, 107.0586



49.8760, 49.5244, 81.0600



18.9349, 18.8102, 22.8827



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.



61.0051, 53.7469, 81.2885



75.0259, 63.5104, 102.9122



59.9435, 53.5040, 67.4913



14.8456, 14.5382, 18.1680



22.7137, 10.7752, 43.2659



1.7198, 0.8175, 3.1991



# Inverse Universe

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



57.0868, 52.3613, 52.4478



69.2608, 61.4813, 60.0422



56.9204, 69.7472, 64.4975



14.4353, 14.3913, 15.2265



18.5830, 9.5674, 1.4331

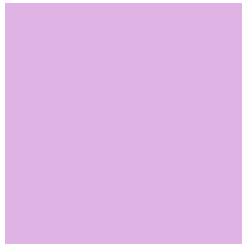


1.3932, 0.7150, 0.2110



# Previews

## White Background



This preview shows how the XYZ color 61.0034, 53.7446, 81.2873 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

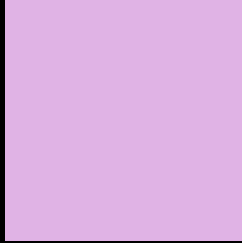
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.0034, 53.7446, 81.2873 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 61.0034, 53.7446, 81.2873**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.0034, 53.7446, 81.2873.



This preview shows how white text looks on a background with the XYZ color 61.0034, 53.7446,



# 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

61.0034, 53.7446, 81.2873

### Protanopia

53.8107, 53.9396, 88.4642

### Deuteranopia

55.0887, 53.8116, 80.1562



## Tritanopia

56.9645, 53.6201, 61.3802

# Trichromacy



## Original Color

61.0034, 53.7446, 81.2873

## Protanomaly

56.0544, 53.5446, 85.9780

## Deuteranomaly

57.0847, 53.5648, 80.7291

## Tritanomaly

58.1796, 53.4812, 68.2293

# Monochromacy



## Original Color

61.0034, 53.7446, 81.2873

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

55.8716, 55.1305, 68.0181

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.0034, 53.7446, 81.2873 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(224, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(224, 179, 229)  
}
```

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(224, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 179, 229) }
```

## Border

The CSS property to change the border of an element to XYZ 61.0034, 53.7446, 81.2873 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(224, 179, 229) }
```



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

```
.border{ border-color:rgb(224, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 179,  
229) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.0034, 53.7446, 81.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 179, 229) }
```

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

```
.background{ background-color: rgb(224,  
179, 229) }
```

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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