

# Converting Colors

XYZ(61.4283, 53.3803, 82.9932)

Have a look what the booklet for  
XYZ(61.4283, 53.3803, 82.9932)  
contains.

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# Color

**XYZ(61.1973, 53.2214,  
82.6486)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B1E7
RGB	225, 177, 231
RGB Percent	88%, 69%, 91%
CMY	0.1176, 0.3059, 0.0941
CMYK	0.03, 0.23, 0.00, 0.09
HSL	293°, 53%, 80%
HSV	293°, 23%, 91%
XYZ	61.1973, 53.2214, 82.6486
YIQ	197.5080, 11.2740, 26.9700

# Conversions

## Conversions Part 2

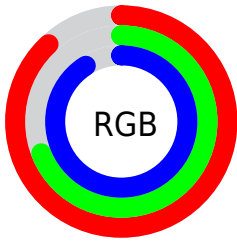
Format	Color
R <sub>Y</sub> B	225, 177, 231
Decimal	14791143
CIE Lab	78.01, 26.56, -20.36
CIE LCh	78, 33.464, 322.520
Yxy	53.2214, 0.3105, 0.2701
Android (android.graphics.Color)	4292981223 (0xFFE1B1E7)
YUV	197.5080, 16.5116, 24.1105
Hunter-Lab	72.9530, 22.0686, -16.1027

# Details

The XYZ color **61.1973, 53.2214, 82.6486** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.0421, 70.3948, 52.2315**, and the grayscale version is **53.2779, 56.0525, 61.0412**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **31.3077, 25.9455, 43.9153** is the 20% darker color. If you saturate the color by 10%, you get **56.2215, 44.4478, 81.2182**, and if you desaturate by 10%, it is **66.9607, 63.5504, 84.3393**.

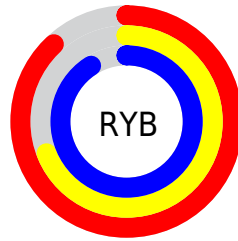
# Distribution



Red (88%)

Green (69%)

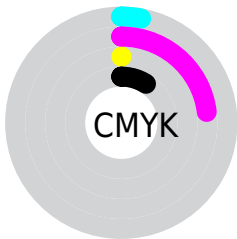
Blue (91%)



Red (88%)

Yellow (69%)

Blue (91%)

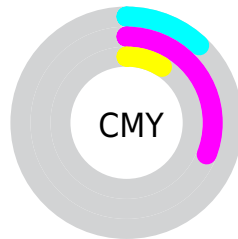


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (31%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1973, 53.2214, 82.6486 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 61.1973, 53.2214, 82.6486 by changing the saturation by 10% instead.





 61.1973, 53.2214,  
82.6486

 61.1973, 53.2214,  
82.6486


418.7614,  
399.1340, 523.7549

 44.6376, 37.9795,  
61.3614


 105.6611, 94.9301,  
138.9280

 31.3721, 25.9668,  
44.0844


134.2958,  
122.1657, 174.7573

 21.0356, 16.7988,  
30.3992


167.6862,  
154.1680, 216.2710

 13.2626, 10.0912,  
19.8872


206.1977,  
191.3214, 263.8877

 7.6879, 5.4594,  
12.1298

250.1956,  
234.0103, 318.0259

 3.9460, 2.5193,  
6.7085

300.0453,

 1.6716, 0.8863,

282.6191, 379.1041

3.2048

356.1121,  
337.5322, 447.5410

■ 0.4384, 0.0000,  
1.2001

■ 0.0000, 0.0000,  
0.0000

■ 61.1973, 53.2214,  
82.6486

■ 61.1973, 53.2214,  
82.6486

■ 56.2215, 44.4478,  
81.2182

■ 66.9607, 63.5504,  
84.3393

■ 51.9894, 37.1449,  
80.0316

■ 73.5430, 75.5001,  
86.2989

■ 48.4605, 31.2305,  
79.0760

■ 80.9796, 89.1405,  
88.5398

■ 45.5880, 26.6115,  
78.3359

■ 84.5335, 94.9974,  
89.4830

43.3197, 23.1833,  
77.7937

85.3884, 95.4381,  
89.5230

41.5952, 20.8251,  
77.4294

86.2556, 95.8852,  
89.5636

40.3411, 19.3904,  
77.2186

87.1351, 96.3386,  
89.6048

39.6932, 18.7964,  
77.1381

88.0270, 96.7984,  
89.6465

88.9313, 97.2646,  
89.6888

# Harmonies

## Analogous

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



55.5391, 53.2214, 97.8316



61.1973, 53.2214, 82.6486



64.0571, 53.2214, 62.7483

# Triad

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



61.1973, 53.2214, 82.6486



52.2345, 53.2214, 29.1488



39.8687, 53.2214, 72.8126

# Complementary

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



61.1973, 53.2214, 82.6486



56.0421, 70.3948, 52.2315

# 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.



39.1486, 53.2214, 53.4010



61.1973, 53.2214, 82.6486



45.9353, 53.2214, 30.7140

# Square

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



61.1973, 53.2214, 82.6486



58.6012, 53.2214, 33.8770



41.2771, 53.2214, 38.7373



43.3360, 53.2214, 91.3552



# Rectangle

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



61.1973, 53.2214, 82.6486



63.8333, 53.2214, 50.5109



41.2771, 53.2214, 38.7373



39.3102, 53.2214, 66.0838

# Sweetspot

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



61.1989, 53.2237, 82.6497



88.8917, 88.7611, 107.0552



49.5530, 49.1101, 82.4696



18.9181, 18.8015, 22.8819



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.



61.1989, 53.2237, 82.6497



73.4889, 61.1213, 102.5321



60.3491, 53.1037, 68.2399



14.8291, 14.5297, 18.1673



22.3183, 10.5714, 43.2474



1.6945, 0.8045, 3.1979



# Inverse Universe

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



57.2262, 51.8545, 51.7950



67.7603, 59.1601, 57.4461



56.8677, 70.5637, 63.8699



14.4418, 14.3939, 15.2608



18.5998, 9.5741, 1.5217

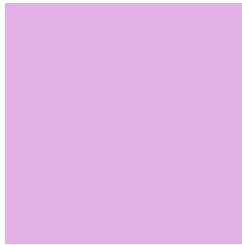


1.3963, 0.7162, 0.2274



# Previews

## White Background



This preview shows how the XYZ color 61.1973, 53.2214, 82.6486 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

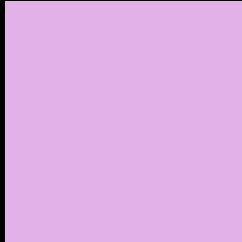
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.1973, 53.2214, 82.6486 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

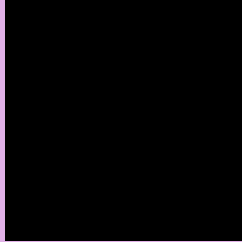
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 61.1973, 53.2214, 82.6486**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.1973, 53.2214, 82.6486.



This preview shows how white text looks on a background with the XYZ color 61.1973, 53.2214,



# 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

61.1973, 53.2214, 82.6486

### Protanopia

53.5640, 53.4362, 90.7102

### Deuteranopia

54.5886, 53.5217, 81.5823



## Tritanopia

56.5267, 53.1138, 60.0960

# Trichromacy



## Original Color

61.1973, 53.2214, 82.6486

## Protanomaly

55.8709, 53.1026, 87.4259

## Deuteranomaly

56.8087, 53.3902, 82.1741

## Tritanomaly

58.1567, 53.1808, 67.5213

# Monochromacy



## Original Color

61.1973, 53.2214, 82.6486

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

56.0587, 54.8900, 68.6130

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.1973, 53.2214, 82.6486 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(225, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(225, 177, 231)  
}
```

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(225, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 177, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 61.1973, 53.2214, 82.6486 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(225, 177, 231) }
```



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

```
.border{ border-color:rgb(225, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(225, 177,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.1973, 53.2214, 82.6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 177, 231) }
```

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

```
.background{ background-color: rgb(225,  
177, 231) }
```

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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