

# Converting Colors

XYZ(61.9970, 60.2285, 86.0562)

Have a look what the booklet for  
XYZ(61.9970, 60.2285, 86.0562)  
contains.

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# Color

**XYZ(61.9093, 60.1776,  
86.1944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3C6EA
RGB	211, 198, 234
RGB Percent	83%, 78%, 92%
CMY	0.1725, 0.2235, 0.0823
CMYK	0.10, 0.15, 0.00, 0.08
HSL	262°, 46%, 85%
HSV	262°, 15%, 92%
XYZ	61.9093, 60.1776, 86.1944
YIQ	205.9910, -3.8080, 13.9520

# Conversions

## Conversions Part 2

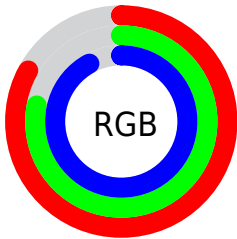
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 198, 234
Decimal	13879018
CIE Lab	81.93, 11.29, -16.16
CIE LCh	82, 19.713, 304.934
Yxy	60.1776, 0.2972, 0.2889
Android (android.graphics.Color)	4292069098 (0xFFD3C6EA)
YUV	205.9910, 13.8084, 4.3929
Hunter-Lab	77.5742, 6.6998, -11.5764

# Details

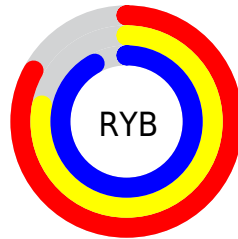
The XYZ color **61.9093, 60.1776, 86.1944** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.4370, 78.2967, 64.8821**, and the grayscale version is **58.5782, 61.6288, 67.1138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7194, 30.2288, 46.2824** is the 20% darker color. If you saturate the color by 10%, you get **52.8827, 48.1894, 84.3571**, and if you desaturate by 10%, it is **72.1643, 74.0288, 88.3284**.

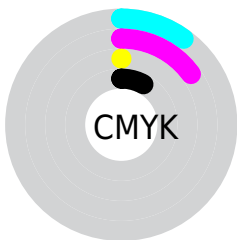
# Distribution



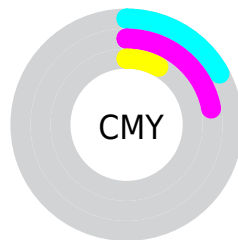
- Red (83%)
- Green (78%)
- Blue (92%)



- Red (83%)
- Yellow (78%)
- Blue (92%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (22%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9093, 60.1776, 86.1944 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 61.9093, 60.1776, 86.1944 by changing the saturation by 10% instead.



61.9093, 60.1776,  
86.1944

61.9093, 60.1776,  
86.1944

421.3230,  
425.2521, 535.8193

45.2147, 43.5618,  
64.2729

106.6851,  
105.0873, 143.9297

31.8286, 30.3262,  
46.4242

135.4971,  
134.1499, 180.5806

21.3855, 20.0863,  
32.2296

169.0789,  
168.1303, 222.9783

13.5202, 12.4578,  
21.2707

207.7959,  
207.4128, 271.5415

7.8672, 7.0563,  
13.1288

252.0134,  
252.3818, 326.6887

4.0612, 3.4973,  
7.3855

302.0969,

1.7368, 1.3965,

303.4218, 388.8383

3.6223

358.4116,  
360.9171, 458.4090

■ 0.4791, 0.2142,  
1.4205

■ 0.0000, 0.0000,  
0.1576

■ 61.9093, 60.1776,  
86.1944

■ 61.9093, 60.1776,  
86.1944

■ 52.8827, 48.1894,  
84.3571

■ 72.1643, 74.0288,  
88.3284

■ 45.0303, 37.9755,  
82.7995

■ 83.6879, 89.8115,  
90.7674

■ 38.3020, 29.4510,  
81.5087

■ 91.8515, 98.7206,  
92.0568

■ 32.6416, 22.5209,  
80.4694

■ 27.9874, 17.0809,  
79.6647

■ 24.2710, 13.0131,  
79.0754

■ 21.4140, 10.1815,  
78.6795

■ 19.3219, 8.4195,  
78.4496

■ 18.5515, 7.8480,  
78.3799

# Harmonies

## Analogous

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



57.8890, 60.1776, 91.1488



61.9093, 60.1776, 86.1944



64.7666, 60.1776, 75.7341

# Triad

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



61.9093, 60.1776, 86.1944



60.6593, 60.1776, 46.8568



49.5795, 60.1776, 67.5170

# Complementary

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



61.9093, 60.1776, 86.1944



69.4370, 78.2967, 64.8821

# 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.



50.2414, 60.1776, 56.2739



61.9093, 60.1776, 86.1944



56.5105, 60.1776, 45.2161

# Square

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



61.9093, 60.1776, 86.1944



64.0207, 60.1776, 53.2410



52.7301, 60.1776, 48.4531



50.8762, 60.1776, 79.5624



# Rectangle

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



61.9093, 60.1776, 86.1944



65.5556, 60.1776, 67.5703



52.7301, 60.1776, 48.4531



49.5809, 60.1776, 63.5178

# Sweetspot

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



61.9111, 60.1801, 86.1957



88.1827, 90.6207, 107.4516



64.1043, 69.8728, 87.9510



18.6749, 19.1247, 22.9571



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.



61.9111, 60.1801, 86.1957



72.1365, 68.9859, 104.1213



67.2329, 62.9236, 86.4448



14.7446, 14.8136, 19.0044



10.5501, 4.4747, 44.0506



0.9305, 0.4040, 3.4638



# Inverse Universe

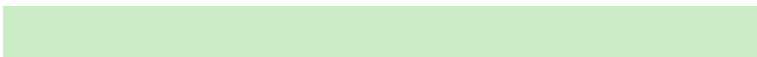
The Inverse Universe completely reimagines the original color for something new.



67.1791, 63.1038, 77.0493



79.5605, 73.1082, 91.1366



64.3557, 75.6772, 64.6443



15.4706, 15.2161, 17.7635



22.2016, 11.0833, 17.3948

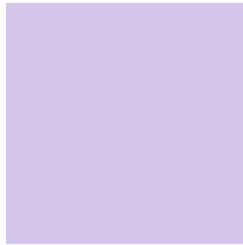


1.7891, 0.8886, 1.6069



# Previews

## White Background



This preview shows how the XYZ color 61.9093, 60.1776, 86.1944 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

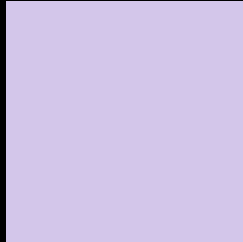
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.9093, 60.1776, 86.1944 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

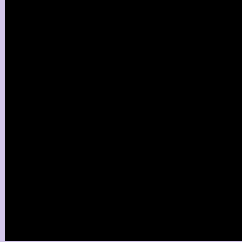
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.9093, 60.1776, 86.1944

## Background



This preview shows how black text looks on a background with the XYZ color 61.9093, 60.1776, 86.1944.



This preview shows how white text looks on a background with the XYZ color 61.9093, 60.1776,



# 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

61.9093, 60.1776, 86.1944

### Protanopia

59.4325, 60.2258, 88.6131

### Deuteranopia

61.5692, 60.3427, 86.2442



## Tritanopia

59.4235, 60.1929, 74.1321

# Trichromacy



## Original Color

61.9093, 60.1776, 86.1944

## Protanomaly

60.3841, 60.3860, 87.8300

## Deuteranomaly

61.8530, 60.4890, 86.2574

## Tritanomaly

60.2681, 60.1916, 78.2537

# Monochromacy



## Original Color

61.9093, 60.1776, 86.1944

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

59.7630, 61.0796, 73.6054

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.9093, 60.1776, 86.1944 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, 198, 234)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 234)  
}
```

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, 198, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 234) }
```

## Border

The CSS property to change the border of an element to XYZ 61.9093, 60.1776, 86.1944 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, 198, 234) }
```



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

```
.border{ border-color:rgb(211, 198, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 198, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 234);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
234) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.9093, 60.1776, 86.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 234) }
```

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

```
.background{ background-color: rgb(211,  
198, 234) }
```

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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