

Converting Colors

XYZ(61.5366, 60.2982, 86.3181)

Have a look what the booklet for
XYZ(61.5366, 60.2982, 86.3181)
contains.

XYZ(61.5692, 60.3427, 86.2442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5692, 60.3427,
86.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C7EA
RGB	209, 199, 234
RGB Percent	82%, 78%, 92%
CMY	0.1804, 0.2196, 0.0823
CMYK	0.11, 0.15, 0.00, 0.08
HSL	257°, 45%, 85%
HSV	257°, 15%, 92%
XYZ	61.5692, 60.3427, 86.2442
YIQ	205.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

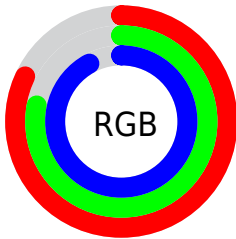
Format	Color
R _Y B	209, 199, 234
Decimal	13748202
CIE Lab	82.02, 10.11, -16.04
CIE LCh	82, 18.960, 302.214
Yxy	60.3427, 0.2958, 0.2899
Android (android.graphics.Color)	4291938282 (0xFFD1C7EA)
YUV	205.9800, 13.8139, 2.6485
Hunter-Lab	77.6806, 5.5372, -11.4498

Details

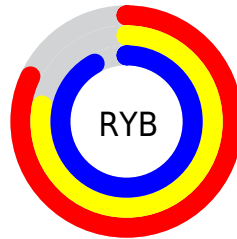
The XYZ color **61.5692, 60.3427, 86.2442** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.4743, 78.8181, 65.5348**, and the grayscale version is **58.5718, 61.6221, 67.1065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4877, 30.3352, 46.3152** is the 20% darker color. If you saturate the color by 10%, you get **52.1102, 48.0803, 84.3768**, and if you desaturate by 10%, it is **72.3560, 74.5216, 88.4134**.

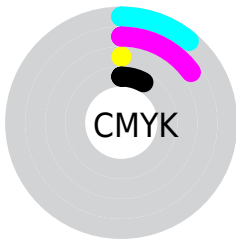
Distribution



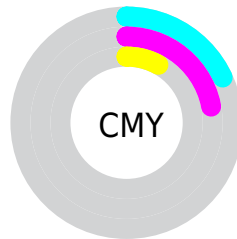
- Red (82%)
- Green (78%)
- Blue (92%)



- Red (82%)
- Yellow (78%)
- Blue (92%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5692, 60.3427, 86.2442 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 61.5692, 60.3427, 86.2442 by changing the saturation by 10% instead.

■ 61.5692, 60.3427,
86.2442

■ 61.5692, 60.3427,
86.2442

420.1006,
425.8598, 535.9877

■ 44.9390, 43.6949,
64.3139

106.1961,
105.3266, 143.9998

■ 31.6104, 30.4307,
46.4571

134.9235,
134.4316, 180.6621

■ 21.2182, 20.1658,
32.2554

168.4140,
168.4577, 223.0722

■ 13.3970, 12.5156,
21.2902

207.0330,
207.7894, 271.6485

■ 7.7814, 7.0958,
13.1430

251.1458,
252.8111, 326.8097

■ 4.0060, 3.5221,
7.3952

301.1177,

■ 1.7055, 1.4100,

303.9071, 388.9743

3.6283

357.3142,
361.4619, 458.5608

■ 0.4597, 0.2241,
1.4237

■ 0.0000, 0.0000,
0.1601

■ 61.5692, 60.3427,
86.2442

■ 61.5692, 60.3427,
86.2442

■ 52.1102, 48.0803,
84.3768

■ 72.3560, 74.5216,
88.4134

■ 43.9205, 37.6436,
82.7940

■ 84.5148, 90.6876,
90.8929

■ 36.9453, 28.9457,
81.4827

■ 91.8515, 98.7206,
92.0568

■ 31.1236, 21.8894,
80.4276

■ 26.3885, 16.3677,
79.6113

■ 22.6660, 12.2607,
79.0148

■ 19.8714, 9.4296,
78.6156

■ 17.9039, 7.7058,
78.3866

■ 17.1556, 7.1284,
78.3146

Harmonies

Analogous

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



57.6527, 60.3427, 90.3693



61.5692, 60.3427, 86.2442



64.4597, 60.3427, 76.5601

Triad

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



61.5692, 60.3427, 86.2442



61.0292, 60.3427, 48.0171



49.9792, 60.3427, 66.5607

Complementary

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



61.5692, 60.3427, 86.2442



70.4743, 78.8181, 65.5348

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.



50.7906, 60.3427, 55.9240



61.5692, 60.3427, 86.2442



57.0562, 60.3427, 45.9908

Square

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



61.5692, 60.3427, 86.2442



64.1378, 60.3427, 54.6059



53.3356, 60.3427, 48.7134



51.0661, 60.3427, 78.2100

Rectangle

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



61.5692, 60.3427, 86.2442



65.3492, 60.3427, 68.7446



53.3356, 60.3427, 48.7134



50.0389, 60.3427, 62.7523

Sweetspot

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



61.5710, 60.3452, 86.2455



89.2519, 92.3080, 107.7209



65.0846, 71.4407, 88.2020



18.8767, 19.4575, 23.0107



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.



61.5710, 60.3452, 86.2455



71.0641, 68.4331, 104.0712



66.7715, 63.0262, 86.4889



14.6353, 14.7573, 18.9993



9.7474, 4.0609, 44.0130



0.8572, 0.3662, 3.4604

Inverse Universe

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



67.8118, 63.7238, 79.2498



80.0752, 73.3141, 93.8470



65.3495, 76.1762, 65.2949



15.5207, 15.2361, 18.0273



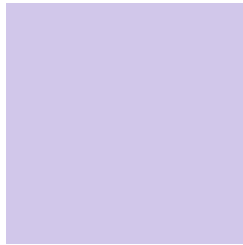
23.0523, 11.4236, 21.8745



1.8512, 0.9135, 1.9339

Previews

White Background



This preview shows how the XYZ color 61.5692, 60.3427, 86.2442 looks on a white background.

Color Contrast Check

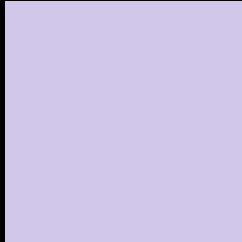
Large Text (above 18pt) WCAG AA × Fail

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 61.5692, 60.3427, 86.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

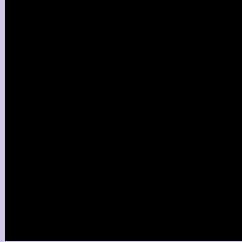
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5692, 60.3427, 86.2442

Background



This preview shows how black text looks on a background with the XYZ color 61.5692, 60.3427, 86.2442.



This preview shows how white text looks on a background with the XYZ color 61.5692, 60.3427,

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

61.5692, 60.3427, 86.2442

Protanopia

59.5496, 60.3030, 87.8579

Deuteranopia

61.5692, 60.3427, 86.2442



Tritanopia

59.2290, 60.4248, 74.8711

Trichromacy



Original Color

61.5692, 60.3427, 86.2442

Protanomaly

60.2392, 60.3280, 87.0668

Deuteranomaly

61.5692, 60.3427, 86.2442

Tritanomaly

60.0733, 60.4205, 79.0171

Monochromacy



Original Color

61.5692, 60.3427, 86.2442

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.4827, 60.9351, 73.5923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5692, 60.3427, 86.2442 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(209, 199, 234)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 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(209, 199, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 234) }
```

Border

The CSS property to change the border of an element to XYZ 61.5692, 60.3427, 86.2442 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(209, 199, 234) }
```


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

```
.border{ border-color:rgb(209, 199, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 234);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5692, 60.3427, 86.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 234) }
```

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

```
.background{ background-color: rgb(209,  
199, 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](#).

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