

Converting Colors

XYZ(64.2894, 61.1676, 83.8436)

Have a look what the booklet for
XYZ(64.2894, 61.1676, 83.8436)
contains.

XYZ(64.2089, 61.0742, 84.0056)	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(64.2089, 61.0742,
84.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC5E7
RGB	221, 197, 231
RGB Percent	87%, 77%, 91%
CMY	0.1333, 0.2274, 0.0941
CMYK	0.04, 0.15, 0.00, 0.09
HSL	282°, 41%, 84%
HSV	282°, 15%, 91%
XYZ	64.2089, 61.0742, 84.0056
YIQ	208.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

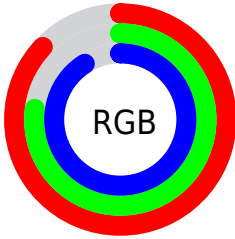
Format	Color
R _Y B	221, 197, 231
Decimal	14534119
CIE Lab	82.42, 14.50, -13.75
CIE LCh	82, 19.983, 316.535
Yxy	61.0742, 0.3068, 0.2918
Android (android.graphics.Color)	4292724199 (0xFFDDC5E7)
YUV	208.0520, 11.3134, 11.3554
Hunter-Lab	78.1500, 9.8951, -9.0275

Details

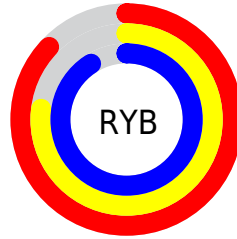
The XYZ color **64.2089, 61.0742, 84.0056** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.3882, 74.4500, 63.8030**, and the grayscale version is **59.9170, 63.0373, 68.6476**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **33.2862, 30.8471, 44.7571** is the 20% darker color. If you saturate the color by 10%, you get **57.3338, 50.3323, 82.2955**, and if you desaturate by 10%, it is **71.9751, 73.4719, 85.9902**.

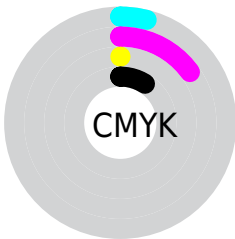
Distribution



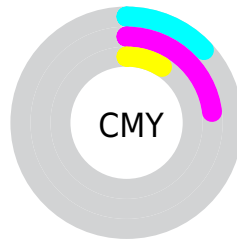
- Red (87%)
- Green (77%)
- Blue (91%)



- Red (87%)
- Yellow (77%)
- Blue (91%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2089, 61.0742, 84.0056 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 64.2089, 61.0742, 84.0056 by changing the saturation by 10% instead.

64.2089, 61.0742,
84.0056

64.2089, 61.0742,
84.0056

429.5339,
428.5460, 528.3904

47.0822, 44.2851,
62.4746

109.9838,
106.3864, 140.8448

33.3089, 30.8947,
44.9781

139.3627,
135.6782, 176.9901

22.5235, 20.5187,
31.0973

173.5564,
169.9063, 218.8440

14.3608, 12.7726,
20.4139

212.9302,
209.4552, 266.8250

8.4554, 7.2722,
12.5092

257.8495,
254.7092, 321.3515

4.4420, 3.6329,
6.9647

308.6796,

1.9551, 1.4704,

306.0528, 382.8423

3.3619

365.7860,
363.8702, 451.7157

■ 0.6085, 0.2678,
1.2823

■ 0.0000, 0.0000,
0.0472

■ 64.2089, 61.0742,
84.0056

■ 64.2089, 61.0742,
84.0056

■ 57.3338, 50.3323,
82.2955

■ 71.9751, 73.4719,
85.9902

■ 51.3069, 41.1650,
80.8437

■ 80.6620, 87.5863,
88.2567

■ 46.0896, 33.4957,
79.6383

■ 86.5913, 96.0582,
89.5794

■ 41.6384, 27.2384,
78.6652

■ 88.9591, 97.2789,
89.6903

■ 37.9048, 22.2982,
77.9084

■ 91.4145, 98.5447,
89.8052

■ 34.8347, 18.5682,
77.3502

■ 91.4240, 98.5496,
89.8056

■ 32.3652, 15.9242,
76.9700

■ 30.4197, 14.2145,
76.7426

■ 29.5399, 13.5621,
76.6630

Harmonies

Analogous

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



60.4152, 61.0742, 91.6597



64.2089, 61.0742, 84.0056



66.3980, 61.0742, 72.1215

Triad

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



64.2089, 61.0742, 84.0056



59.9804, 61.0742, 46.1685



50.5349, 61.0742, 73.4121

Complementary

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



64.2089, 61.0742, 84.0056



64.3882, 74.4500, 63.8030

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.



50.4313, 61.0742, 61.1774



64.2089, 61.0742, 84.0056



55.7458, 61.0742, 46.4243

Square

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



64.2089, 61.0742, 84.0056



63.8772, 61.0742, 50.8640



52.2966, 61.0742, 51.6118



52.5869, 61.0742, 85.0497

Rectangle

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



64.2089, 61.0742, 84.0056



66.5865, 61.0742, 63.8615



52.2966, 61.0742, 51.6118



50.2747, 61.0742, 69.2090

Sweetspot

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



64.2107, 61.0768, 84.0069



90.7868, 93.0993, 107.7927



59.8135, 62.3651, 84.4874



19.2650, 19.6577, 23.0289



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.



64.2107, 61.0768, 84.0069



77.3214, 71.6588, 104.3640



66.4047, 62.3167, 79.1931



14.5606, 14.3912, 18.1547



16.6900, 7.6699, 42.9840



1.3251, 0.6141, 3.1807

Inverse Universe

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



64.1858, 61.4291, 67.5083



77.3305, 72.2162, 79.3934



62.4791, 73.3737, 67.8733



14.5505, 14.4374, 15.8334



19.1063, 9.7767, 4.1885



1.4515, 0.7383, 0.5180

Previews

White Background



This preview shows how the XYZ color 64.2089, 61.0742, 84.0056 looks on a white background.

Color Contrast Check

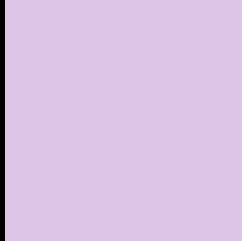
Large Text (above 18pt) WCAG AA × Fail

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 64.2089, 61.0742, 84.0056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

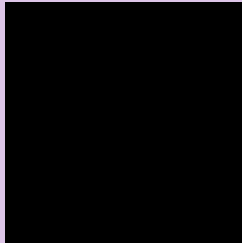
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2089, 61.0742, 84.0056

Background



This preview shows how black text looks on a background with the XYZ color 64.2089, 61.0742, 84.0056.



This preview shows how white text looks on a background with the XYZ color 64.2089, 61.0742,

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

64.2089, 61.0742, 84.0056

Protanopia

60.4077, 61.4632, 87.2770

Deuteranopia

62.3778, 61.1679, 83.3818



Tritanopia

62.1334, 61.2749, 72.8424

Trichromacy



Original Color

64.2089, 61.0742, 84.0056

Protanomaly

61.7504, 61.1237, 86.3854

Deuteranomaly

63.0253, 61.1589, 83.3460

Tritanomaly

62.9898, 61.2829, 76.9155

Monochromacy



Original Color

64.2089, 61.0742, 84.0056

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4281, 62.2897, 73.7513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2089, 61.0742, 84.0056 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(221, 197, 231)` looks like.

```
.text, #text, p{  
    color:rgb(221, 197, 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(221, 197, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 197, 231) }
```

Border

The CSS property to change the border of an element to XYZ 64.2089, 61.0742, 84.0056 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(221, 197, 231) }
```


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

```
.border{ border-color:rgb(221, 197, 231) }
```

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

Here you see how a box with a 4 pixel rgb(221, 197, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 197, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 197, 231);  
box-shadow:4px 4px 4px 4px rgb(221, 197,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2089, 61.0742, 84.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 197, 231) }
```

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

```
.background{ background-color: rgb(221,  
197, 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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