

Converting Colors

XYZ(61.3151, 59.2464, 83.8054)

Have a look what the booklet for
XYZ(61.3151, 59.2464, 83.8054)
contains.

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Color

**XYZ(61.3151, 59.2464,
83.8054)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C4E7
RGB	212, 196, 231
RGB Percent	83%, 77%, 91%
CMY	0.1686, 0.2314, 0.0941
CMYK	0.08, 0.15, 0.00, 0.09
HSL	267°, 42%, 84%
HSV	267°, 15%, 91%
XYZ	61.3151, 59.2464, 83.8054
YIQ	204.7740, -1.6990, 14.2770

Conversions

Conversions Part 2

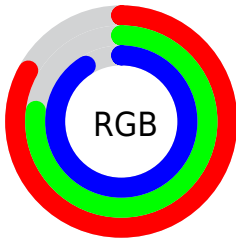
Format	Color
R _Y B	212, 196, 231
Decimal	13944039
CIE Lab	81.43, 12.09, -15.31
CIE LCh	81, 19.506, 308.287
Yxy	59.2464, 0.3000, 0.2899
Android (android.graphics.Color)	4292134119 (0xFFD4C4E7)
YUV	204.7740, 12.9294, 6.3372
Hunter-Lab	76.9717, 7.4914, -10.6737

Details

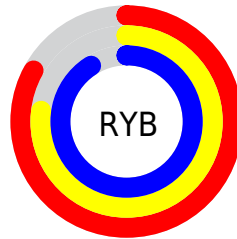
The XYZ color **61.3151, 59.2464, 83.8054** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.5662, 75.5860, 63.3085**, and the grayscale version is **57.8075, 60.8180, 66.2308**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **31.3155, 29.6092, 44.6221** is the 20% darker color. If you saturate the color by 10%, you get **53.0249, 47.8254, 82.0388**, and if you desaturate by 10%, it is **70.6918, 72.4215, 85.8552**.

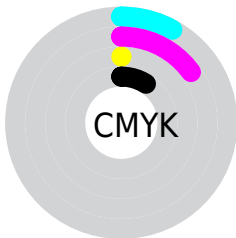
Distribution



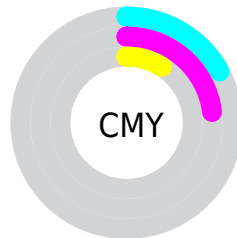
- Red (83%)
- Green (77%)
- Blue (91%)



- Red (83%)
- Yellow (77%)
- Blue (91%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3151, 59.2464, 83.8054 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 61.3151, 59.2464, 83.8054 by changing the saturation by 10% instead.

61.3151, 59.2464,
83.8054

61.3151, 59.2464,
83.8054

419.1859,
421.8144, 527.7079

44.7330, 42.8115,
62.3103

105.8306,
103.7357, 140.5622

31.4476, 29.7372,
44.8461

134.4947,
132.5589, 176.6611

21.0934, 19.6392,
30.9941

167.9168,
166.2803, 218.4649

13.3051, 12.1331,
20.3360

206.4624,
205.2843, 266.3923

7.7174, 6.8344,
12.4530

250.4967,
249.9553, 320.8617

3.9650, 3.3587,
6.9267

300.3852,

1.6823, 1.3218,

300.6778, 382.2918

3.3386

356.4931,
357.8360, 451.1010

■ 0.4452, 0.1580,
1.2700

■ 0.0000, 0.0000,
0.0370

■ 61.3151, 59.2464,
83.8054

■ 61.3151, 59.2464,
83.8054

■ 53.0249, 47.8254,
82.0388

■ 70.6918, 72.4215,
85.8552

■ 45.7731, 38.0746,
80.5389

■ 81.1902, 87.4149,
88.1959

■ 39.5154, 29.9143,
79.2936

■ 89.4740, 97.5443,
89.7144

■ 34.2020, 23.2552,
78.2883

■ 91.4240, 98.5496,
89.8057

■ 29.7784, 17.9986,
77.5068

■ 26.1838, 14.0337,
76.9310

■ 23.3481, 11.2322,
76.5397

■ 21.1867, 9.4371,
76.3071

■ 20.3195, 8.8088,
76.2316

Harmonies

Analogous

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



57.4504, 59.2464, 89.4009



61.3151, 59.2464, 83.8054



63.9212, 59.2464, 73.1857

Triad

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



61.3151, 59.2464, 83.8054



59.2652, 59.2464, 45.8023



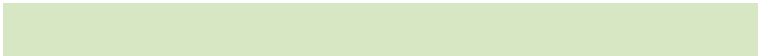
48.8984, 59.2464, 67.8027

Complementary

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



61.3151, 59.2464, 83.8054



66.5662, 75.5860, 63.3085

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.



49.3319, 59.2464, 56.5471



61.3151, 59.2464, 83.8054



55.1885, 59.2464, 44.7285

Square

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



61.3151, 59.2464, 83.8054



62.6984, 59.2464, 51.5629



51.5886, 59.2464, 48.4287



50.3745, 59.2464, 79.4593

Rectangle

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



61.3151, 59.2464, 83.8054



64.5251, 59.2464, 65.1835



51.5886, 59.2464, 48.4287



48.8270, 59.2464, 63.8396

Sweetspot

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



61.3169, 59.2489, 83.8067



88.6157, 90.8439, 107.4718



61.5550, 66.2357, 85.1427



18.7800, 19.1788, 22.9620



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.



61.3169, 59.2489, 83.8067



73.5342, 69.7064, 104.1868



66.5584, 61.9510, 84.0520



14.2056, 14.2082, 18.1381



11.5306, 5.0101, 42.7425



0.9581, 0.4249, 3.1635

Inverse Universe

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



64.9627, 61.3776, 72.7160



78.9190, 72.8516, 87.7584



61.7647, 73.1107, 63.0838



14.7026, 14.4982, 16.6344



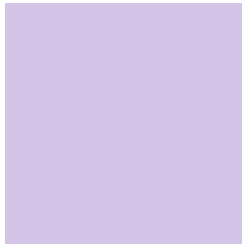
20.6284, 10.3856, 12.2038



1.5711, 0.7862, 1.1480

Previews

White Background



This preview shows how the XYZ color 61.3151, 59.2464, 83.8054 looks on a white background.

Color Contrast Check

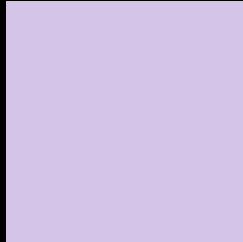
Large Text (above 18pt) WCAG AA × Fail

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 61.3151, 59.2464, 83.8054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

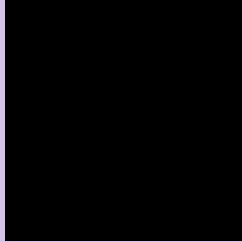
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3151, 59.2464, 83.8054

Background



This preview shows how black text looks on a background with the XYZ color 61.3151, 59.2464, 83.8054.



This preview shows how white text looks on a background with the XYZ color 61.3151, 59.2464,

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

61.3151, 59.2464, 83.8054

Protanopia

58.5029, 59.4496, 86.2334

Deuteranopia

60.6846, 59.2573, 83.8407



Tritanopia

58.8555, 59.2572, 71.9541

Trichromacy



Original Color

61.3151, 59.2464, 83.8054

Protanomaly

59.4885, 59.2866, 85.3989

Deuteranomaly

60.9684, 59.4037, 83.8540

Tritanomaly

59.6907, 59.2571, 76.0019

Monochromacy



Original Color

61.3151, 59.2464, 83.8054

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.2706, 60.5060, 72.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3151, 59.2464, 83.8054 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(212, 196, 231)` looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 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(212, 196, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 231) }
```

Border

The CSS property to change the border of an element to XYZ 61.3151, 59.2464, 83.8054 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(212, 196, 231) }
```


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

```
.border{ border-color:rgb(212, 196, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 196, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 231);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3151, 59.2464, 83.8054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 231) }
```

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

```
.background{ background-color: rgb(212,  
196, 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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