

Converting Colors

XYZ(61.0986, 60.4126, 83.7519)

Have a look what the booklet for
XYZ(61.0986, 60.4126, 83.7519)
contains.

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Color

**XYZ(61.0905, 60.4880,
84.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C8E7
RGB	208, 200, 231
RGB Percent	82%, 78%, 91%
CMY	0.1843, 0.2157, 0.0941
CMYK	0.10, 0.13, 0.00, 0.09
HSL	255°, 39%, 85%
HSV	255°, 13%, 91%
XYZ	61.0905, 60.4880, 84.0568
YIQ	205.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

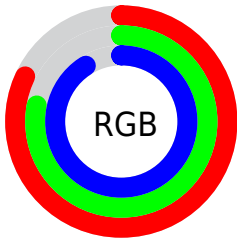
Format	Color
R _Y B	208, 200, 231
Decimal	13682919
CIE Lab	82.10, 8.64, -14.33
CIE LCh	82, 16.734, 301.103
Yxy	60.4880, 0.2971, 0.2942
Android (android.graphics.Color)	4291872999 (0xFFD0C8E7)
YUV	205.9260, 12.3615, 1.8189
Hunter-Lab	77.7740, 4.1049, -9.6378

Details

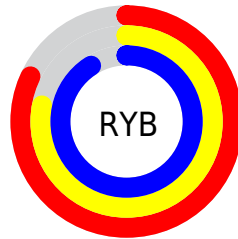
The XYZ color **61.0905, 60.4880, 84.0568** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.4348, 77.0115, 65.8516**, and the grayscale version is **58.5462, 61.5952, 67.0772**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1536, 30.4252, 44.7881** is the 20% darker color. If you saturate the color by 10%, you get **51.5784, 48.2347, 82.1940**, and if you desaturate by 10%, it is **71.9354, 74.6314, 86.2161**.

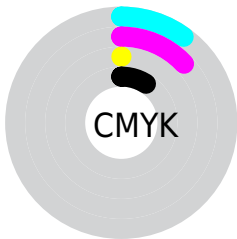
Distribution



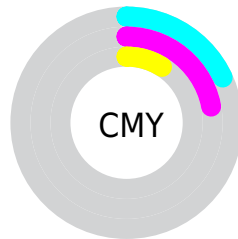
- Red (82%)
- Green (78%)
- Blue (91%)



- Red (82%)
- Yellow (78%)
- Blue (91%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0905, 60.4880, 84.0568 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 61.0905, 60.4880, 84.0568 by changing the saturation by 10% instead.

■ 61.0905, 60.4880,
84.0568

■ 61.0905, 60.4880,
84.0568

418.3764,
426.3942, 528.5648

■ 44.5510, 43.8121,
62.5167

105.5073,
105.5372, 140.9171

■ 31.3037, 30.5228,
45.0118

134.1154,
134.6794, 177.0743

■ 20.9832, 20.2358,
31.1237

167.4771,
168.7457, 218.9409

■ 13.2241, 12.5665,
20.4338

205.9576,
208.1206, 266.9356

■ 7.6611, 7.1307,
12.5236

249.9225,
253.1886, 321.4768

■ 3.9288, 3.5440,
6.9745

299.7370,

■ 1.6620, 1.4219,

304.3339, 382.9830

3.3679

355.7665,
361.9409, 451.8728

■ 0.4323, 0.2328,
1.2854

■ 0.0000, 0.0000,
0.0498

■ 61.0905, 60.4880,
84.0568

■ 61.0905, 60.4880,
84.0568

■ 51.5784, 48.2347,
82.1940

■ 71.9354, 74.6314,
86.2161

■ 43.3409, 37.7830,
80.6107

■ 84.1571, 90.7332,
88.6799

■ 36.3236, 29.0489,
79.2947

■ 91.4240, 98.5496,
89.8056

■ 30.4661, 21.9384,
78.2310

■ 25.7022, 16.3483,
77.4031

■ 21.9589, 12.1633,
76.7926

■ 19.1532, 9.2510,
76.3783

■ 17.1874, 7.4521,
76.1347

■ 16.2633, 6.7178,
76.0417

Harmonies

Analogous

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



57.6235, 60.4880, 87.4024



61.0905, 60.4880, 84.0568



63.6771, 60.4880, 75.7663

Triad

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



61.0905, 60.4880, 84.0568



60.8539, 60.4880, 50.1868



50.9342, 60.4880, 66.2381

Complementary

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



61.0905, 60.4880, 84.0568



69.4348, 77.0115, 65.8516

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.



51.7210, 60.4880, 56.8592



61.0905, 60.4880, 84.0568



57.3608, 60.4880, 48.1864

Square

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



61.0905, 60.4880, 84.0568



63.5366, 60.4880, 56.2705



54.0377, 60.4880, 50.5013



51.8435, 60.4880, 76.4839

Rectangle

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



61.0905, 60.4880, 84.0568



64.5025, 60.4880, 68.9310



54.0377, 60.4880, 50.5013



51.0088, 60.4880, 62.8838

Sweetspot

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



61.0923, 60.4905, 84.0581



89.1521, 92.2566, 107.7162



64.6998, 70.9598, 85.8888



18.8515, 19.4445, 23.0095



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.



61.0923, 60.4905, 84.0581



73.1133, 71.3780, 104.5316



65.5885, 62.8084, 84.2686



13.9297, 14.0660, 18.1252



9.2153, 3.8166, 42.6341



0.7659, 0.3258, 3.1545

Inverse Universe

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



66.9306, 63.6278, 78.5687



81.7384, 76.0149, 96.3297



64.9454, 74.6971, 65.6415



14.8280, 14.5484, 17.2944



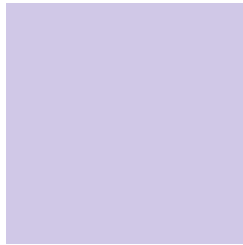
22.6706, 11.2024, 22.9579



1.7125, 0.8427, 1.8928

Previews

White Background



This preview shows how the XYZ color 61.0905, 60.4880, 84.0568 looks on a white background.

Color Contrast Check

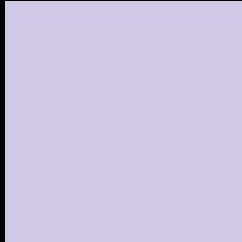
Large Text (above 18pt) WCAG AA × Fail

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 61.0905, 60.4880, 84.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

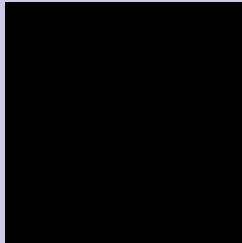
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0905, 60.4880, 84.0568

Background



This preview shows how black text looks on a background with the XYZ color 61.0905, 60.4880, 84.0568.



This preview shows how white text looks on a background with the XYZ color 61.0905, 60.4880,

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

61.0905, 60.4880, 84.0568

Protanopia

59.6171, 60.7372, 85.6721

Deuteranopia

61.7112, 60.4653, 84.0197



Tritanopia

59.2290, 60.4248, 74.8711

Trichromacy



Original Color

61.0905, 60.4880, 84.0568

Protanomaly

60.0431, 60.6238, 84.8809

Deuteranomaly

61.4256, 60.3180, 84.0064

Tritanomaly

59.9381, 60.3664, 78.3048

Monochromacy



Original Color

61.0905, 60.4880, 84.0568

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.5907, 61.3574, 72.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0905, 60.4880, 84.0568 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(208, 200, 231) looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 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(208, 200, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 231) }
```

Border

The CSS property to change the border of an element to XYZ 61.0905, 60.4880, 84.0568 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(208, 200, 231) }
```


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

```
.border{ border-color:rgb(208, 200, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0905, 60.4880, 84.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 231) }
```

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

```
.background{ background-color: rgb(208,  
200, 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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