

Converting Colors

XYZ(61.6879, 60.6624, 90.1191)

Have a look what the booklet for
XYZ(61.6879, 60.6624, 90.1191)
contains.

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Color

**XYZ(61.6879, 60.6624,
90.1191)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8EF
RGB	206, 200, 239
RGB Percent	81%, 78%, 94%
CMY	0.1921, 0.2157, 0.0627
CMYK	0.14, 0.16, 0.00, 0.06
HSL	249°, 55%, 86%
HSV	249°, 16%, 94%
XYZ	61.6879, 60.6624, 90.1191
YIQ	206.2400, -8.9430, 13.4010

Conversions

Conversions Part 2

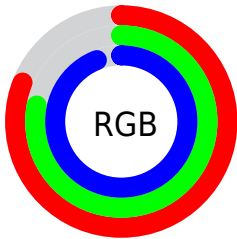
Format	Color
R _Y B	206, 200, 239
Decimal	13551855
CIE Lab	82.20, 9.64, -18.47
CIE LCh	82, 20.839, 297.556
Yxy	60.6624, 0.2903, 0.2855
Android (android.graphics.Color)	4291741935 (0xFFCEC8EF)
YUV	206.2400, 16.1507, -0.2105
Hunter-Lab	77.8861, 5.0763, -14.0820

Details

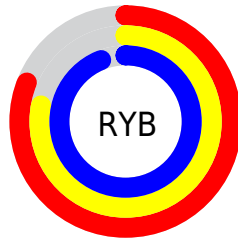
The XYZ color **61.6879, 60.6624, 90.1191** is a light color, and the websafe version is hex **CCCCFF**, and the color name is **soap**. A complement of this color would be **74.8982, 83.2284, 66.7636**, and the grayscale version is **58.7254, 61.7837, 67.2824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5886, 30.5560, 49.0327** is the 20% darker color. If you saturate the color by 10%, you get **51.3218, 47.7351, 88.1712**, and if you desaturate by 10%, it is **73.6454, 75.6976, 92.3919**.

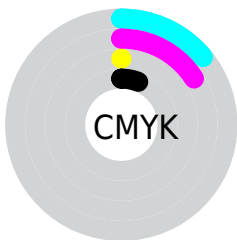
Distribution



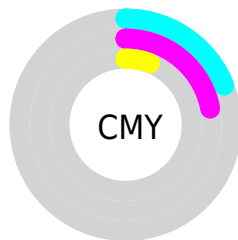
- Red (81%)
- Green (78%)
- Blue (94%)



- Red (81%)
- Yellow (78%)
- Blue (94%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6879, 60.6624, 90.1191 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 61.6879, 60.6624, 90.1191 by changing the saturation by 10% instead.

61.6879, 60.6624,
90.1191

61.6879, 60.6624,
90.1191

420.5275,
427.0351, 548.9983

45.0352, 43.9528,
67.5052

106.3668,
105.7900, 149.4408

31.6866, 30.6334,
49.0311

135.1238,
134.9767, 186.9856

21.2766, 20.3198,
34.2784

168.6461,
169.0912, 230.3445

13.4399, 12.6277,
22.8284

207.2994,
208.5180, 279.9359

7.8113, 7.1727,
14.2628

251.4487,
253.6414, 336.1785

4.0252, 3.5704,
8.1628

301.4596,

1.7164, 1.4363,

304.8457, 399.4907

4.1100

357.6974,
362.5155, 470.2911

■ 0.4665, 0.2432,
1.6859

■ 0.0000, 0.0000,
0.3510

■ 61.6879, 60.6624,
90.1191

■ 61.6879, 60.6624,
90.1191

■ 51.3218, 47.7351,
88.1712

■ 73.6454, 75.6976,
92.3919

■ 42.4741, 36.8138,
86.5295

■ 87.2520, 92.9215,
94.9993

■ 35.0743, 27.7996,
85.1796

■ 92.5802, 99.0121,
95.8941

■ 29.0440, 20.5821,
84.1043

■ 24.2976, 15.0395,
83.2846

■ 20.7390, 11.0346,
82.6992

■ 18.2584, 8.4079,
82.3229

■ 16.7234, 6.9633,
82.1250

■ 16.3345, 6.6209,
82.0794

Harmonies

Analogous

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



57.2954, 60.6624, 93.5377



61.6879, 60.6624, 90.1191



65.1474, 60.6624, 80.0184

Triad

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



61.6879, 60.6624, 90.1191



62.3482, 60.6624, 47.5323



49.5611, 60.6624, 65.0165

Complementary

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



61.6879, 60.6624, 90.1191



74.8982, 83.2284, 66.7636

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.



50.7654, 60.6624, 53.8117



61.6879, 60.6624, 90.1191



58.0217, 60.6624, 44.5574

Square

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



61.6879, 60.6624, 90.1191



65.5422, 60.6624, 55.3983



53.8071, 60.6624, 46.7020



50.4325, 60.6624, 77.9887

Rectangle

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



61.6879, 60.6624, 90.1191



66.3801, 60.6624, 71.4472



53.8071, 60.6624, 46.7020



49.7351, 60.6624, 60.9336

Sweetspot

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



61.6898, 60.6649, 90.1205



87.2581, 90.1440, 107.4083



68.5827, 76.8759, 92.8862



18.4508, 19.0091, 22.9466



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.



61.6898, 60.6649, 90.1205



66.7492, 64.3796, 103.5162



67.3969, 63.6070, 90.3875



15.1236, 15.3454, 19.8865



9.0953, 3.6942, 45.3615



0.8243, 0.3422, 3.7768

Inverse Universe

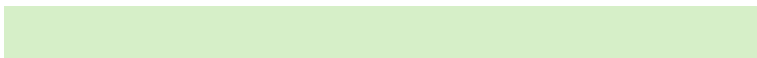
The Inverse Universe completely reimagines the original color for something new.



70.9609, 65.5451, 86.0050



79.6455, 71.1708, 97.6618



68.9233, 80.1482, 66.4839



16.3437, 15.9872, 19.3661



25.6184, 12.5198, 32.2366



2.1591, 1.0527, 2.8289

Previews

White Background



This preview shows how the XYZ color 61.6879, 60.6624, 90.1191 looks on a white background.

Color Contrast Check

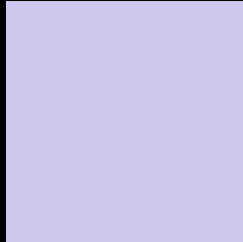
Large Text (above 18pt) WCAG AA × Fail

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 61.6879, 60.6624, 90.1191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

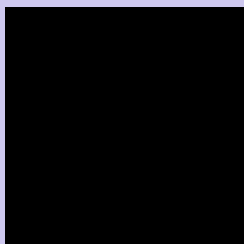
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6879, 60.6624, 90.1191

Background



This preview shows how black text looks on a background with the XYZ color 61.6879, 60.6624, 90.1191.



This preview shows how white text looks on a background with the XYZ color 61.6879, 60.6624,

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

61.6879, 60.6624, 90.1191

Protanopia

60.2591, 60.9331, 91.8044

Deuteranopia

62.0158, 60.4887, 90.0683



Tritanopia

58.7707, 60.5229, 75.6024

Trichromacy



Original Color

61.6879, 60.6624, 90.1191

Protanomaly

60.6681, 60.8117, 90.9784

Deuteranomaly

61.7355, 60.3442, 90.0551

Tritanomaly

59.7498, 60.5694, 80.4934

Monochromacy



Original Color

61.6879, 60.6624, 90.1191

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.7014, 61.3695, 75.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6879, 60.6624, 90.1191 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(206, 200, 239)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 239)  
}
```

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(206, 200, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 239) }
```

Border

The CSS property to change the border of an element to XYZ 61.6879, 60.6624, 90.1191 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(206, 200, 239) }
```


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

```
.border{ border-color:rgb(206, 200, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 239);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6879, 60.6624, 90.1191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 239) }
```

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

```
.background{ background-color: rgb(206,  
200, 239) }
```

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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