

Converting Colors

XYZ(61.9869, 58.7860, 97.3973)

Have a look what the booklet for
XYZ(61.9869, 58.7860, 97.3973)
contains.

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Color

**XYZ(61.8443, 58.5449,
97.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC2F9
RGB	206, 194, 249
RGB Percent	81%, 76%, 98%
CMY	0.1921, 0.2392, 0.0235
CMYK	0.17, 0.22, 0.00, 0.02
HSL	253°, 82%, 87%
HSV	253°, 22%, 98%
XYZ	61.8443, 58.5449, 97.6633
YIQ	203.8580, -10.5030, 19.6490

Conversions

Conversions Part 2

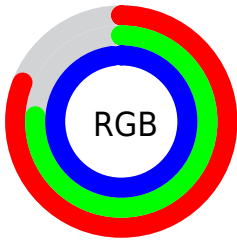
Format	Color
R _Y B	206, 194, 249
Decimal	13550329
CIE Lab	81.04, 14.99, -25.57
CIE LCh	81, 29.638, 300.381
Yxy	58.5449, 0.2836, 0.2685
Android (android.graphics.Color)	4291740409 (0xFFCEC2F9)
YUV	203.8580, 22.2550, 1.8785
Hunter-Lab	76.5146, 10.3751, -22.1175

Details

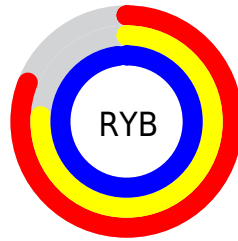
The XYZ color **61.8443, 58.5449, 97.6633** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.5401, 89.6523, 64.2066**, and the grayscale version is **57.1751, 60.1527, 65.5062**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **31.6550, 29.1412, 53.8256** is the 20% darker color. If you saturate the color by 10%, you get **51.6863, 45.7606, 95.7320**, and if you desaturate by 10%, it is **73.6039, 73.5361, 99.9380**.

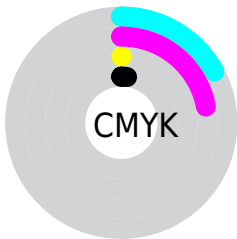
Distribution



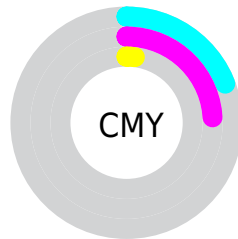
- Red (81%)
- Green (76%)
- Blue (98%)



- Red (81%)
- Yellow (76%)
- Blue (98%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8443, 58.5449, 97.6633 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 61.8443, 58.5449, 97.6633 by changing the saturation by 10% instead.

61.8443, 58.5449,
97.6633

61.8443, 58.5449,
97.6633

421.0895,
419.2133, 573.8573

45.1620, 42.2469,
73.7445

106.5917,
102.7159, 159.9661

31.7869, 29.2946,
54.0895

135.3875,
131.3577, 199.1871

21.3535, 19.3038,
38.2795

168.9519,
164.8829, 244.3460

13.4966, 11.8900,
25.8962

207.6501,
203.6759, 295.8613

7.8507, 6.6688,
16.5209

251.8477,
248.1210, 354.1516

4.0506, 3.2559,
9.7352

301.9099,

1.7308, 1.2667,

298.6027, 419.6353

5.1204

358.2020,
355.5053, 492.7310

■ 0.4754, 0.1152,
2.2581

■ 0.0000, 0.0000,
0.7076

■ 61.8443, 58.5449,
97.6633

■ 61.8443, 58.5449,
97.6633

■ 51.6863, 45.7606,
95.7320

■ 73.6039, 73.5361,
99.9380

■ 43.0538, 35.0708,
94.1237

■ 87.0256, 90.8248,
102.5677

■ 35.8725, 26.3643,
92.8216

■ 94.0991, 99.6196,
103.8925

■ 30.0597, 19.5165,
91.8062

■ 25.5237, 14.3880,
91.0554

■ 22.1611, 10.8199,
90.5439

■ 19.8503, 8.6216,
90.2414

■ 18.6378, 7.6329,
90.1145

Harmonies

Analogous

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



55.7238, 58.5449, 103.9757



61.8443, 58.5449, 97.6633



66.5745, 58.5449, 81.9968

Triad

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



61.8443, 58.5449, 97.6633



61.6984, 58.5449, 38.5983



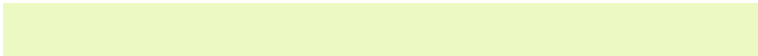
44.6352, 58.5449, 63.9708

Complementary

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



61.8443, 58.5449, 97.6633



78.5401, 89.6523, 64.2066

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.



45.9827, 58.5449, 48.4257



61.8443, 58.5449, 97.6633



55.5666, 58.5449, 35.5164

Square

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



61.8443, 58.5449, 97.6633



66.4859, 58.5449, 48.1019



49.8748, 58.5449, 38.7596



46.0519, 58.5449, 82.4587

Rectangle

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



61.8443, 58.5449, 97.6633



68.1411, 58.5449, 69.5754



49.8748, 58.5449, 38.7596



44.7787, 58.5449, 58.2506

Sweetspot

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



61.8462, 58.5473, 97.6646



84.6684, 86.5838, 106.8576



69.6572, 78.9272, 101.1867



17.9398, 18.2972, 22.8361



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.



61.8462, 58.5473, 97.6646



59.7738, 54.8422, 102.0429



70.1329, 62.8193, 98.0524



16.6370, 16.8255, 21.7561



10.0739, 4.1360, 48.2409



1.0189, 0.4273, 4.4720

Inverse Universe

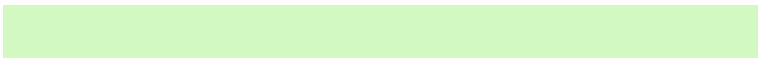
The Inverse Universe completely reimagines the original color for something new.



73.6465, 64.8400, 88.7566



74.5556, 62.7311, 90.6007



70.0750, 85.2884, 63.8104



17.8214, 17.4559, 20.9153



26.2202, 12.9038, 28.9319



2.4672, 1.2106, 2.8835

Previews

White Background



This preview shows how the XYZ color 61.8443, 58.5449, 97.6633 looks on a white background.

Color Contrast Check

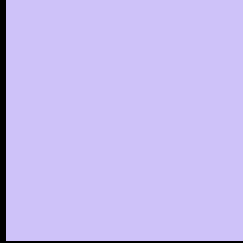
Large Text (above 18pt) WCAG AA × Fail

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 61.8443, 58.5449, 97.6633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

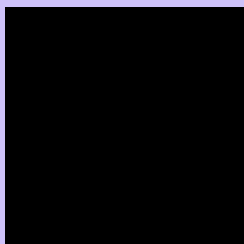
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8443, 58.5449, 97.6633

Background



This preview shows how black text looks on a background with the XYZ color 61.8443, 58.5449, 97.6633.

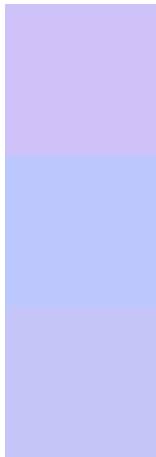


This preview shows how white text looks on a background with the XYZ color 61.8443, 58.5449,

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

61.8443, 58.5449, 97.6633

Protanopia

58.8921, 58.6301, 101.1413

Deuteranopia

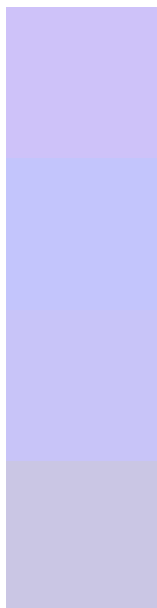
59.9355, 58.5801, 96.9551



Tritanopia

56.8684, 58.5458, 73.2689

Trichromacy



Original Color

61.8443, 58.5449, 97.6633

Protanomaly

60.0426, 58.5629, 100.2346

Deuteranomaly

60.5026, 58.5365, 96.9168

Tritanomaly

58.5548, 58.5462, 81.6132

Monochromacy



Original Color

61.8443, 58.5449, 97.6633

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.7494, 59.4550, 76.0897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8443, 58.5449, 97.6633 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, 194, 249)` looks like.

```
.text, #text, p{  
    color:rgb(206, 194, 249)  
}
```

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, 194, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 194, 249) }
```

Border

The CSS property to change the border of an element to XYZ 61.8443, 58.5449, 97.6633 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, 194, 249) }
```


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

```
.border{ border-color:rgb(206, 194, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 194, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 194, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 194, 249);  
box-shadow:4px 4px 4px 4px rgb(206, 194,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8443, 58.5449, 97.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 194, 249) }
```

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

```
.background{ background-color: rgb(206,  
194, 249) }
```

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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