

Converting Colors

XYZ(61.1743, 55.9241, 98.0134)

Have a look what the booklet for
XYZ(61.1743, 55.9241, 98.0134)
contains.

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Color

**XYZ(61.0381, 55.8527,
98.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BBFA
RGB	208, 187, 250
RGB Percent	82%, 73%, 98%
CMY	0.1843, 0.2666, 0.0196
CMYK	0.17, 0.25, 0.00, 0.02
HSL	260°, 86%, 86%
HSV	260°, 25%, 98%
XYZ	61.0381, 55.8527, 98.0061
YIQ	200.4610, -7.7070, 24.0450

Conversions

Conversions Part 2

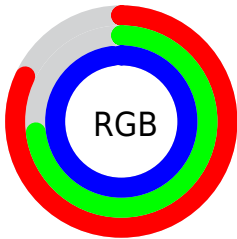
Format	Color
R _Y B	208, 187, 250
Decimal	13679610
CIE Lab	79.53, 19.61, -28.40
CIE LCh	80, 34.512, 304.627
Yxy	55.8527, 0.2840, 0.2599
Android (android.graphics.Color)	4291869690 (0xFFD0BBFA)
YUV	200.4610, 24.4227, 6.6117
Hunter-Lab	74.7347, 15.0008, -25.4379

Details

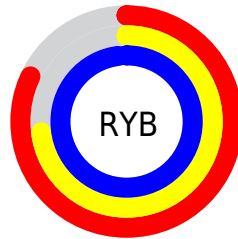
The XYZ color **61.0381, 55.8527, 98.0061** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.4701, 88.6185, 60.1436**, and the grayscale version is **55.0429, 57.9094, 63.0633**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **31.2876, 27.6728, 54.1444** is the 20% darker color. If you saturate the color by 10%, you get **51.7469, 43.8643, 96.1827**, and if you desaturate by 10%, it is **71.7485, 69.9459, 100.1628**.

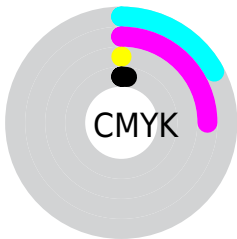
Distribution



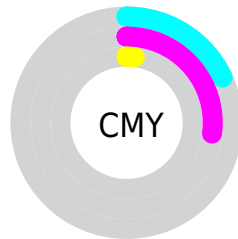
- Red (82%)
- Green (73%)
- Blue (98%)



- Red (82%)
- Yellow (73%)
- Blue (98%)



- Cyan (17%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0381, 55.8527, 98.0061 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 61.0381, 55.8527, 98.0061 by changing the saturation by 10% instead.

61.0381, 55.8527,
98.0061

61.0381, 55.8527,
98.0061

418.1874,
409.1361, 574.9729

44.5086, 40.0848,
74.0288

105.4319, 98.7892,
160.4423

31.2702, 27.6047,
54.3207

134.0269,
126.7266, 199.7383

20.9575, 18.0279,
38.4632

167.3744,
159.4893, 244.9776

13.2052, 10.9700,
26.0378

205.8398,
197.4617, 296.5788

7.6480, 6.0467,
16.6259

249.7884,
241.0282, 354.9604

3.9204, 2.8735,
9.8090

299.5857,

1.6572, 1.0660,

290.5732, 420.5409

5.1685

355.5969,
346.4810, 493.7389

■ 0.4293, 0.0000,
2.2860

■ 0.0000, 0.0000,
0.7234

■ 61.0381, 55.8527,
98.0061

■ 61.0381, 55.8527,
98.0061

■ 51.7469, 43.8643,
96.1827

■ 71.7485, 69.9459,
100.1628

■ 43.8066, 33.8704,
94.6722

■ 83.9317, 86.2333,
102.6644

■ 37.1509, 25.7607,
93.4577

■ 94.2555, 99.6822,
104.7162

■ 31.7055, 19.4113,
92.5191

■ 27.3873, 14.6828,
91.8340

■ 24.1016, 11.4137,
91.3762

■ 21.7343, 9.4063,
91.1135

■ 20.8520, 8.7563,
91.0345

Harmonies

Analogous

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



54.1704, 55.8527, 107.4294



61.0381, 55.8527, 98.0061



66.0832, 55.8527, 78.7099

Triad

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



61.0381, 55.8527, 98.0061



59.0140, 55.8527, 32.4003



40.8622, 55.8527, 63.9503

Complementary

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



61.0381, 55.8527, 98.0061



75.4701, 88.6185, 60.1436

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.



41.9161, 55.8527, 45.8599



61.0381, 55.8527, 98.0061



52.0168, 55.8527, 30.1147

Square

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



61.0381, 55.8527, 98.0061



64.8450, 55.8527, 41.5755



45.8570, 55.8527, 34.4695



42.8427, 55.8527, 85.2254

Rectangle

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



61.0381, 55.8527, 98.0061



67.5156, 55.8527, 64.4644



45.8570, 55.8527, 34.4695



40.8750, 55.8527, 57.3043

Sweetspot

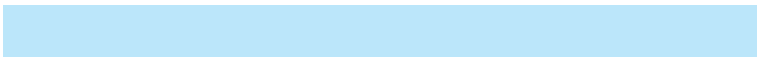
The Sweet Spot groups the original color and five complimentary colors.



61.0399, 55.8550, 98.0074



84.0562, 85.1791, 106.6187



66.0614, 74.0902, 101.2624



17.5734, 17.6718, 22.7347



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.



61.0399, 55.8550, 98.0074



58.9716, 52.0974, 101.5554



70.4385, 60.7002, 98.4472



16.8281, 16.9240, 21.7650



11.1961, 4.7145, 48.2934



1.1444, 0.4920, 4.4778

Inverse Universe

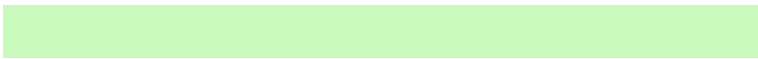
The Inverse Universe completely reimagines the original color for something new.



71.3393, 61.5240, 82.2463



71.4730, 58.9853, 82.1143



66.5910, 84.0411, 59.7280



17.7327, 17.4204, 20.4480



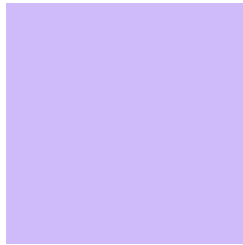
24.6651, 12.2817, 20.7425



2.3336, 1.1572, 2.1800

Previews

White Background



This preview shows how the XYZ color 61.0381, 55.8527, 98.0061 looks on a white background.

Color Contrast Check

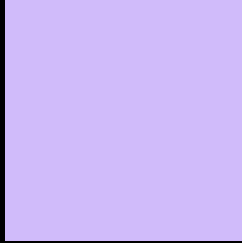
Large Text (above 18pt) WCAG AA × Fail

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 61.0381, 55.8527, 98.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

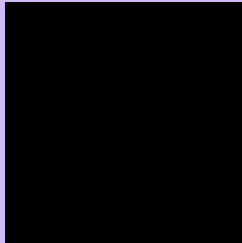
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0381, 55.8527, 98.0061

Background



This preview shows how black text looks on a background with the XYZ color 61.0381, 55.8527, 98.0061.

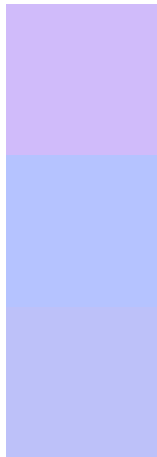


This preview shows how white text looks on a background with the XYZ color 61.0381, 55.8527,

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

61.0381, 55.8527, 98.0061

Protanopia

56.6212, 56.0740, 102.4468

Deuteranopia

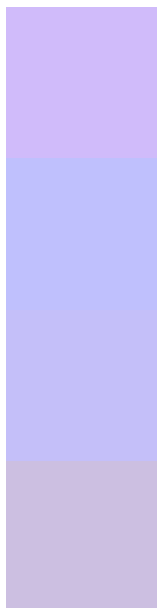
57.1551, 55.7983, 97.3803



Tritanopia

55.0120, 55.6542, 68.8157

Trichromacy



Original Color

61.0381, 55.8527, 98.0061

Protanomaly

58.0651, 55.8675, 100.6516

Deuteranomaly

58.4946, 55.8369, 97.3171

Tritanomaly

57.1232, 55.5352, 78.9428

Monochromacy



Original Color

61.0381, 55.8527, 98.0061

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.7986, 56.7887, 74.2974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0381, 55.8527, 98.0061 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, 187, 250)` looks like.

```
.text, #text, p{  
    color:rgb(208, 187, 250)  
}
```

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, 187, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 187, 250) }
```

Border

The CSS property to change the border of an element to XYZ 61.0381, 55.8527, 98.0061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

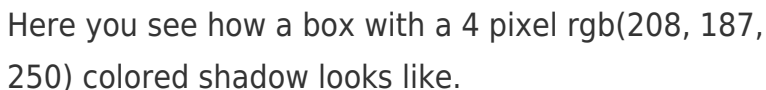
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 187, 250) }
```


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

```
.border{ border-color:rgb(208, 187, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 187, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 187, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 187, 250);  
box-shadow:4px 4px 4px 4px rgb(208, 187,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0381, 55.8527, 98.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 187, 250) }
```

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

```
.background{ background-color: rgb(208,  
187, 250) }
```

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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