

Converting Colors

XYZ(61.5332, 79.5537, 41.3919)

Have a look what the booklet for
XYZ(61.5332, 79.5537, 41.3919)
contains.

XYZ(61.5270, 79.5449, 41.3891)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5270, 79.5449,
41.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F597
RGB	198, 245, 151
RGB Percent	78%, 96%, 59%
CMY	0.2235, 0.0392, 0.4078
CMYK	0.19, 0.00, 0.38, 0.04
HSL	90°, 82%, 78%
HSV	90°, 38%, 96%
XYZ	61.5270, 79.5449, 41.3891
YIQ	220.2310, 2.1620, -39.1980

Conversions

Conversions Part 2

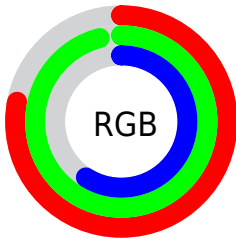
Format	Color
RYB	151, 245, 198
Decimal	13038999
CIELab	91.48, -30.75, 40.43
CIElCh	91, 50.797, 127.255
Yxy	79.5449, 0.3372, 0.4360
Android (android.graphics.Color)	4291229079 (0xFFC6F597)
YUV	220.2310, -34.1309, -19.4966
Hunter-Lab	89.1879, -32.9393, 34.9171

Details

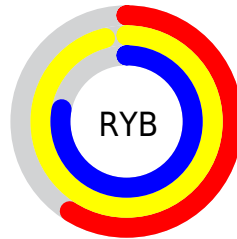
The XYZ color **61.5270, 79.5449, 41.3891** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **50.8401, 40.7339, 91.5734**, and the grayscale version is **68.4205, 71.9837, 78.3903**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **31.7774, 43.1357, 18.4556** is the 20% darker color. If you saturate the color by 10%, you get **56.6412, 77.2352, 31.8316**, and if you desaturate by 10%, it is **67.0915, 82.1617, 53.1398**.

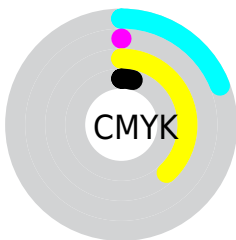
Distribution



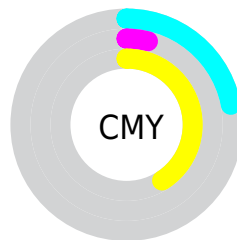
- Red (78%)
- Green (96%)
- Blue (59%)



- Red (59%)
- Yellow (96%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (38%)
- Black (4%)





- Cyan (22%)
- Magenta (4%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5270, 79.5449, 41.3891 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 61.5270, 79.5449, 41.3891 by changing the saturation by 10% instead.


 61.5270, 79.5449,
41.3891


 61.5270, 79.5449,
41.3891


419.9487,
493.3978, 367.6689

 44.9048, 59.3439,
28.3013


 106.1354,
132.7257, 78.5343

 31.5834, 42.8900,
18.3119


 134.8523,
166.4743, 103.4287

 21.1975, 29.7988,
11.0024


168.3315,
205.5076, 133.0957

 13.3817, 19.6860,
5.9542

206.9383,
250.2099, 167.9539

 7.7707, 12.1670,
2.7489

251.0380,
300.9657, 208.4218

 3.9992, 6.8575,
0.9679

300.9961,

 1.7017, 3.3731,

358.1594, 254.9179

0.0000

357.1779,
422.1753, 307.8607

0.4573, 1.3295,
0.0000

0.0000, 0.1639,
0.0000

61.5270, 79.5449,
41.3891

61.5270, 79.5449,
41.3891

56.6412, 77.2352,
31.8316

67.0915, 82.1617,
53.1398

52.3963, 75.2085,
24.3260

73.3583, 85.0875,
67.2031

48.7591, 73.4537,
18.7224

80.3570, 88.3377,
83.6959

45.6902, 71.9543,
14.8487

88.1134, 91.9231,
102.7255

■ 43.1443, 70.6911,
12.5011

■ 91.9441, 93.7881,
107.8647

■ 41.0595, 69.6388,
11.3924

■ 40.7501, 69.4817,
11.2636

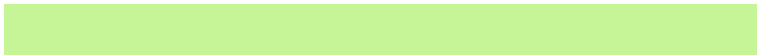
Harmonies

Analogous

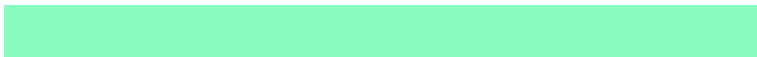
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5076, 79.5449, 33.4274



61.5270, 79.5449, 41.3891



54.9104, 79.5449, 61.8887

Triad

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



61.5270, 79.5449, 41.3891



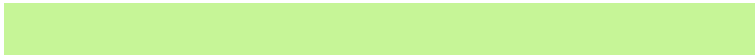
66.3916, 79.5449, 170.3019



103.0563, 79.5449, 77.9238

Complementary

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



61.5270, 79.5449, 41.3891



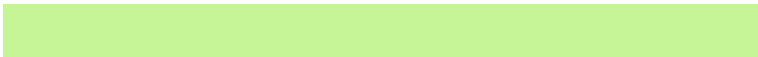
50.8401, 40.7339, 91.5734

Split Complementary

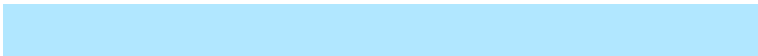
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.9382, 79.5449, 117.1700



61.5270, 79.5449, 41.3891



78.7895, 79.5449, 178.2197

Square

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



61.5270, 79.5449, 41.3891



57.4874, 79.5449, 137.2787



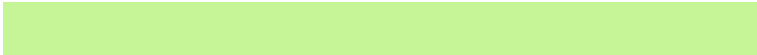
91.6817, 79.5449, 156.5709



97.1779, 79.5449, 50.2529

Rectangle

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



61.5270, 79.5449, 41.3891



53.3852, 79.5449, 83.2446



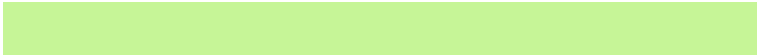
91.6817, 79.5449, 156.5709



103.2662, 79.5449, 90.0667

Sweetspot

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



61.5290, 79.5484, 41.3908



85.1019, 95.3961, 84.7337



63.4393, 62.0380, 37.9103



17.9990, 20.3183, 17.6253



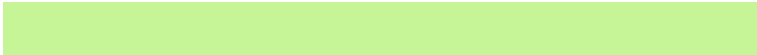
0.0000, 0.0000, 0.0000



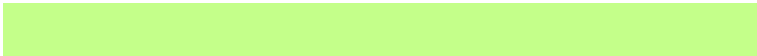
20.3446, 21.4041, 23.3091

Same Dimension

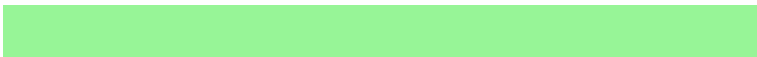
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5290, 79.5484, 41.3908



63.1806, 85.1284, 37.0325



51.0032, 74.1221, 40.8982



17.0716, 18.8790, 17.5418



22.1116, 37.5117, 6.0751



2.0619, 3.3580, 0.5395

Inverse Universe

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



50.8401, 40.7339, 91.5734



49.9528, 37.0944, 99.1349



65.2074, 48.1405, 92.2458



16.3707, 16.3338, 20.8325



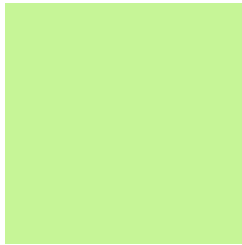
13.4014, 5.8830, 46.9672



1.2964, 0.5782, 4.1335

Previews

White Background



This preview shows how the XYZ color 61.5270, 79.5449, 41.3891 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 61.5270, 79.5449, 41.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

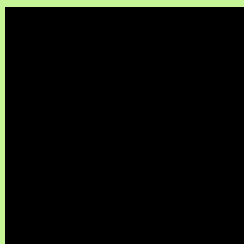
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

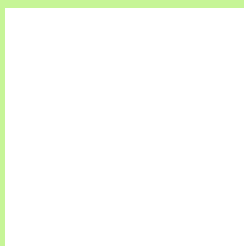
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5270, 79.5449, 41.3891

Background



This preview shows how black text looks on a background with the XYZ color 61.5270, 79.5449, 41.3891.

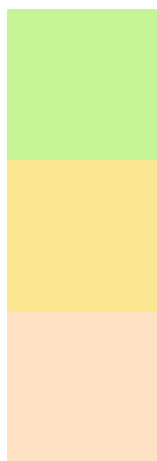


This preview shows how white text looks on a background with the XYZ color 61.5270, 79.5449,

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

61.5270, 79.5449, 41.3891

Protanopia

73.1913, 79.1472, 38.2074

Deuteranopia

78.0155, 79.0506, 62.7762



Tritanopia

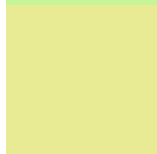
73.9921, 79.3890, 102.6906

Trichromacy



Original Color

61.5270, 79.5449, 41.3891



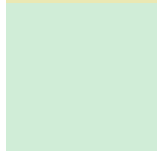
Protanomaly

68.2535, 78.6791, 39.1930



Deuteranomaly

70.9250, 78.4603, 54.0540



Tritanomaly

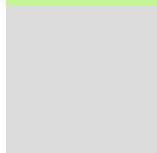
68.5624, 78.8846, 75.9026

Monochromacy



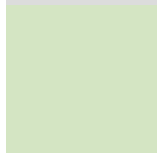
Original Color

61.5270, 79.5449, 41.3891



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.0210, 73.9758, 62.4815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5270, 79.5449, 41.3891 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(198, 245, 151)` looks like.

```
.text, #text, p{  
    color:rgb(198, 245, 151)  
}
```

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(198, 245, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 245, 151) }
```

Border

The CSS property to change the border of an element to XYZ 61.5270, 79.5449, 41.3891 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(198, 245, 151) }
```


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

```
.border{ border-color:rgb(198, 245, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 245, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 245, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 245, 151);  
box-shadow:4px 4px 4px 4px rgb(198, 245,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5270, 79.5449, 41.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 245, 151) }
```

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

```
.background{ background-color: rgb(198,  
245, 151) }
```

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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