

Converting Colors

XYZ(61.6952, 78.2952, 41.1390)

Have a look what the booklet for
XYZ(61.6952, 78.2952, 41.1390)
contains.

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Color

**XYZ(61.6952, 78.2952,
41.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF297
RGB	202, 242, 151
RGB Percent	79%, 95%, 59%
CMY	0.2078, 0.0510, 0.4078
CMYK	0.17, 0.00, 0.38, 0.05
HSL	86°, 78%, 77%
HSV	86°, 38%, 95%
XYZ	61.6952, 78.2952, 41.1390
YIQ	219.6660, 5.3710, -36.7810

Conversions

Conversions Part 2

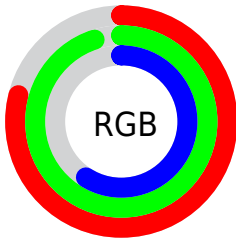
Format	Color
RYB	151, 242, 191
Decimal	13300375
CIELab	90.91, -27.92, 39.75
CIELCh	91, 48.573, 125.083
Yxy	78.2952, 0.3406, 0.4323
Android (android.graphics.Color)	4291490455 (0xFFCAF297)
YUV	219.6660, -33.8523, -15.4931
Hunter-Lab	88.4846, -30.3902, 34.3736

Details

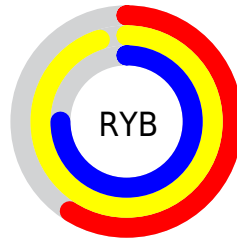
The XYZ color **61.6952, 78.2952, 41.1390** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **48.5827, 39.6226, 89.0961**, and the grayscale version is **68.0223, 71.5647, 77.9340**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **31.8437, 42.2217, 18.2756** is the 20% darker color. If you saturate the color by 10%, you get **57.1486, 76.1581, 31.6991**, and if you desaturate by 10%, it is **66.8476, 80.7029, 52.7162**.

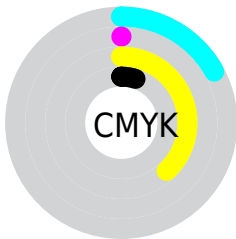
Distribution



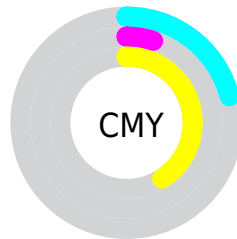
- Red (79%)
- Green (95%)
- Blue (59%)



- Red (59%)
- Yellow (95%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (38%)
- Black (5%)





- Cyan (21%)
- Magenta (5%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6952, 78.2952, 41.1390 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 61.6952, 78.2952, 41.1390 by changing the saturation by 10% instead.


 61.6952, 78.2952,
41.1390


 61.6952, 78.2952,
41.1390


420.5537,
489.1688, 366.5951

 45.0411, 58.3165,
28.1072


 106.3773,
130.9662, 78.1508

 31.6912, 42.0632,
18.1667


 135.1361,
164.4273, 102.9679

 21.2802, 29.1507,
10.8991


168.6604,
203.1512, 132.5505

 13.4426, 19.1949,
5.8857

207.3157,
247.5226, 167.3172

 7.8131, 11.8112,
2.7080

251.4674,
297.9256, 207.6864

 4.0264, 6.6152,
0.9475


301.4807,


 1.7171, 3.2227,


354.7447, 254.0768


0.0000


357.7210,
418.3643, 306.9068


 0.4669, 1.2491,
0.0000


 0.0000, 0.1012,
0.0000

 61.6952, 78.2952,
41.1390


 61.6952, 78.2952,
41.1390


 57.1486, 76.1581,
31.6991


 66.8476, 80.7029,
52.7162


 53.1732, 74.2692,
24.2602

 72.6266, 83.3820,
66.5455

 49.7392, 72.6189,
18.6787

 79.0589, 86.3462,
82.7397

 46.8110, 71.1924,
14.7891

 86.1679, 89.6053,
101.4024

■ 44.3474, 69.9727,
12.3970

■ 91.0438, 91.9876,
107.5646

■ 42.2947, 68.9379,
11.2437

■ 41.8454, 68.7100,
11.0569

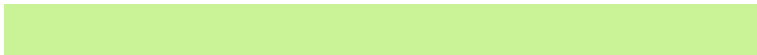
Harmonies

Analogous

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



72.3519, 78.2952, 34.2007



61.6952, 78.2952, 41.1390



55.0513, 78.2952, 59.8929

Triad

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



61.6952, 78.2952, 41.1390



64.9371, 78.2952, 162.1386



100.4029, 78.2952, 79.4178

Complementary

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



61.6952, 78.2952, 41.1390



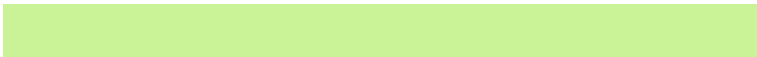
48.5827, 39.6226, 89.0961

Split Complementary

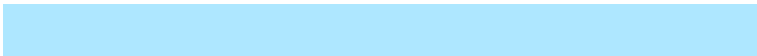
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.8632, 78.2952, 116.9115



61.6952, 78.2952, 41.1390



76.5216, 78.2952, 171.5372

Square

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



61.6952, 78.2952, 41.1390



56.7742, 78.2952, 130.1469



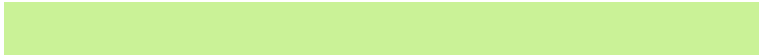
88.7780, 78.2952, 153.1448



95.3820, 78.2952, 52.0863

Rectangle

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



61.6952, 78.2952, 41.1390



53.3484, 78.2952, 79.6032



88.7780, 78.2952, 153.1448



100.4101, 78.2952, 91.1581

Sweetspot

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



61.6972, 78.2986, 41.1407



86.4663, 96.0592, 86.6209



60.7143, 58.1293, 37.2994



18.2946, 20.4626, 18.0027



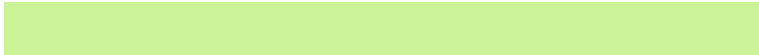
0.0000, 0.0000, 0.0000



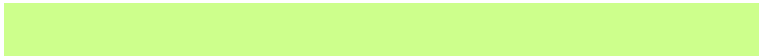
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6972, 78.2986, 41.1407



65.5665, 86.3369, 38.1167



51.2581, 72.9171, 40.6521



16.4133, 18.0932, 16.7770



22.6383, 36.9920, 5.9470



1.9974, 3.1362, 0.5001

Inverse Universe

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



48.5827, 39.6226, 89.0961



48.8737, 37.0861, 99.1901



61.6666, 46.3676, 89.7084



15.5567, 15.5687, 19.9067



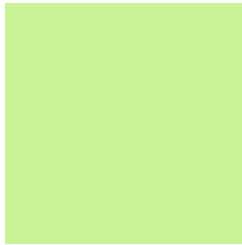
11.9785, 5.1805, 45.4965



1.1089, 0.4889, 3.7901

Previews

White Background



This preview shows how the XYZ color 61.6952, 78.2952, 41.1390 looks on a white background.

Color Contrast Check

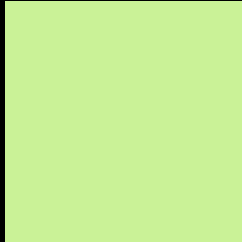
Large Text (above 18pt) WCAG AA × Fail

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 61.6952, 78.2952, 41.1390 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 61.6952, 78.2952, 41.1390

Background



This preview shows how black text looks on a background with the XYZ color 61.6952, 78.2952, 41.1390.



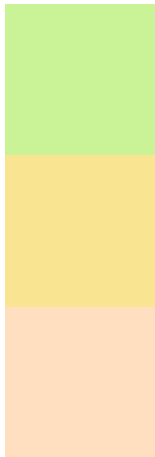
This preview shows how white text looks on a background with the XYZ color 61.6952, 78.2952,

41.1390.

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

61.6952, 78.2952, 41.1390

Protanopia

71.9986, 77.7019, 38.3974

Deuteranopia

77.0316, 77.7969, 60.2465



Tritanopia

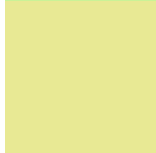
73.5590, 77.9699, 99.9797

Trichromacy



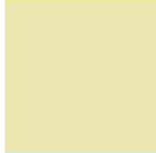
Original Color

61.6952, 78.2952, 41.1390



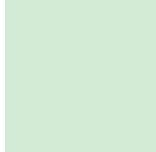
Protanomaly

67.7629, 77.5718, 39.4183



Deuteranomaly

70.7254, 77.5611, 52.3175



Tritanomaly

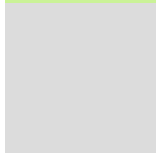
68.2970, 77.4986, 74.3099

Monochromacy



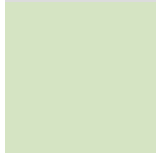
Original Color

61.6952, 78.2952, 41.1390



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.0343, 73.5731, 62.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6952, 78.2952, 41.1390 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(202, 242, 151)` looks like.

```
.text, #text, p{  
    color:rgb(202, 242, 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(202, 242, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 242, 151) }
```

Border

The CSS property to change the border of an element to XYZ 61.6952, 78.2952, 41.1390 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(202, 242, 151) }
```


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

```
.border{ border-color:rgb(202, 242, 151) }
```

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

Here you see how a box with a 4 pixel rgb(202, 242, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 242, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 242, 151);  
box-shadow:4px 4px 4px 4px rgb(202, 242,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6952, 78.2952, 41.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 242, 151) }
```

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

```
.background{ background-color: rgb(202,  
242, 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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