

Converting Colors

XYZ(60.8299, 74.7296, 41.9811)

Have a look what the booklet for
XYZ(60.8299, 74.7296, 41.9811)
contains.

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Color

**XYZ(60.7179, 74.7289,
41.7958)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEB9A
RGB	205, 235, 154
RGB Percent	80%, 92%, 60%
CMY	0.1961, 0.0784, 0.3961
CMYK	0.13, 0.00, 0.34, 0.08
HSL	82°, 67%, 76%
HSV	82°, 34%, 92%
XYZ	60.7179, 74.7289, 41.7958
YIQ	216.7960, 8.1210, -31.5510

Conversions

Conversions Part 2

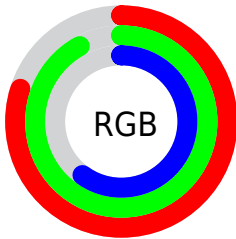
Format	Color
RYB	154, 235, 184
Decimal	13495194
CIELab	89.27, -23.11, 36.14
CIELCh	89, 42.898, 122.597
Yxy	74.7289, 0.3426, 0.4216
Android (android.graphics.Color)	4291685274 (0xFFCDEB9A)
YUV	216.7960, -30.9584, -10.3451
Hunter-Lab	86.4459, -25.9054, 31.8459

Details

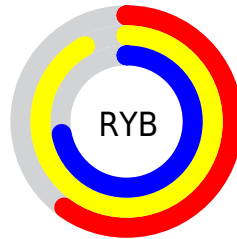
The XYZ color **60.7179, 74.7289, 41.7958** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.3212, 39.3018, 83.7461**, and the grayscale version is **66.0167, 69.4547, 75.6362**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **31.0960, 39.6835, 18.5911** is the 20% darker color. If you saturate the color by 10%, you get **56.6148, 72.8204, 32.3680**, and if you desaturate by 10%, it is **65.3416, 76.8661, 53.2511**.

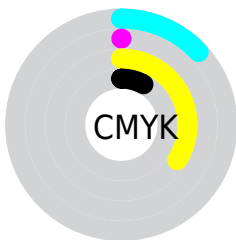
Distribution



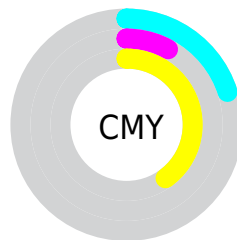
- Red (80%)
- Green (92%)
- Blue (60%)



- Red (60%)
- Yellow (92%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7179, 74.7289, 41.7958 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 60.7179, 74.7289, 41.7958 by changing the saturation by 10% instead.

60.7179, 74.7289,
41.7958

60.7179, 74.7289,
41.7958

417.0314,
476.9852, 369.4104

44.2492, 55.3908,
28.6171

104.9708,
125.9285, 79.1572

31.0652, 39.7147,
18.5482

133.4857,
158.5589, 104.1770

20.8006, 27.3162,
11.1708

166.7468,
196.3888, 133.9809

13.0900, 17.8108,
6.0662

205.1193,
239.8026, 168.9874

7.5679, 10.8143,
2.8160

248.9687,
289.1848, 209.6150

3.8692, 5.9421,
1.0014

298.6602,

1.6284, 2.8099,

344.9197, 256.2824

0.0000

354.5593,
407.3917, 309.4080

0.4108, 1.0333,
0.0000

0.0000, 0.0000,
0.0000

60.7179, 74.7289,
41.7958

60.7179, 74.7289,
41.7958

56.6148, 72.8204,
32.3680

65.3416, 76.8661,
53.2511

53.0020, 71.1208,
24.8445

70.5030, 79.2315,
66.8378

49.8545, 69.6221,
19.0962

76.2253, 81.8372,
82.6587

47.1420, 68.3122,
14.9759

82.5282, 84.6913,
100.8081

■ 44.8299, 67.1768,
12.3130

■ 86.6580, 86.6925,
106.7737

■ 42.8760, 66.1988,
10.8986

■ 88.9999, 87.8998,
106.8833

■ 41.9145, 65.7115,
10.4745

Harmonies

Analogous

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



70.1187, 74.7289, 36.2681



60.7179, 74.7289, 41.7958



54.6015, 74.7289, 57.5964

Triad

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



60.7179, 74.7289, 41.7958



62.1531, 74.7289, 144.0896



93.1134, 74.7289, 78.7809

Complementary

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



60.7179, 74.7289, 41.7958



46.3212, 39.3018, 83.7461

Split Complementary

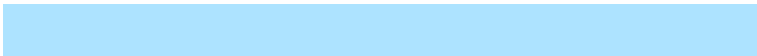
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.4561, 74.7289, 110.9153



60.7179, 74.7289, 41.7958



71.9442, 74.7289, 153.6846

Square

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



60.7179, 74.7289, 41.7958



55.3710, 74.7289, 116.5753



82.4428, 74.7289, 140.2972



89.3880, 74.7289, 54.0745

Rectangle

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



60.7179, 74.7289, 41.7958



52.8641, 74.7289, 74.1569



82.4428, 74.7289, 140.2972



92.9372, 74.7289, 89.0300

Sweetspot

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



60.7198, 74.7322, 41.7974



87.8227, 96.7174, 88.5349



57.1747, 54.1542, 38.0123



18.5922, 20.6079, 18.3855



0.0000, 0.0000, 0.0000



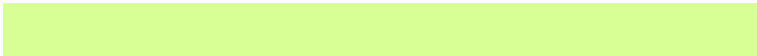
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7198, 74.7322, 41.7974



69.7008, 88.3770, 42.4294



51.0189, 69.7312, 41.3434



15.7798, 17.3320, 16.0325



23.4716, 36.6445, 5.8360



1.9486, 2.9319, 0.4632

Inverse Universe

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



46.3212, 39.3018, 83.7461



50.0586, 40.0181, 99.6936



57.3563, 44.9906, 84.2625



14.7582, 14.8206, 19.0051



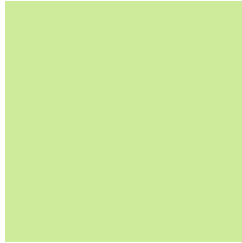
10.6648, 4.5338, 44.0560



0.9405, 0.4091, 3.4643

Previews

White Background



This preview shows how the XYZ color 60.7179, 74.7289, 41.7958 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 60.7179, 74.7289, 41.7958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

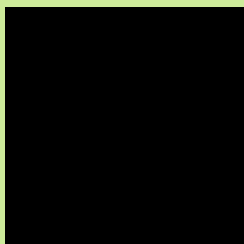
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

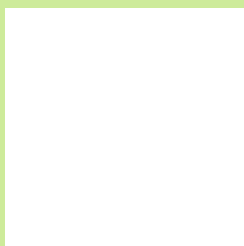
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7179, 74.7289, 41.7958

Background



This preview shows how black text looks on a background with the XYZ color 60.7179, 74.7289, 41.7958.



This preview shows how white text looks on a background with the XYZ color 60.7179, 74.7289,

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

60.7179, 74.7289, 41.7958

Protanopia

69.0426, 74.5359, 39.1817

Deuteranopia

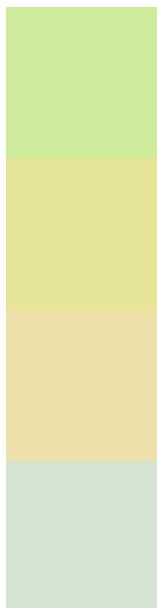
74.2911, 74.1810, 53.5828



Tritanopia

71.2979, 74.4738, 94.6215

Trichromacy



Original Color

60.7179, 74.7289, 41.7958

Protanomaly

65.6424, 74.3792, 40.1750

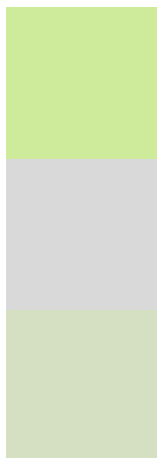
Deuteranomaly

68.9314, 74.2561, 49.2279

Tritanomaly

66.8168, 74.2861, 71.7898

Monochromacy



Original Color

60.7179, 74.7289, 41.7958

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

63.8338, 71.3525, 61.4469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7179, 74.7289, 41.7958 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(205, 235, 154)` looks like.

```
.text, #text, p{  
    color:rgb(205, 235, 154)  
}
```

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(205, 235, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 235, 154) }
```

Border

The CSS property to change the border of an element to XYZ 60.7179, 74.7289, 41.7958 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(205, 235, 154) }
```


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

```
.border{ border-color:rgb(205, 235, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 235, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 235, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 235, 154); box-shadow:4px 4px 4px 4px rgb(205, 235, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7179, 74.7289, 41.7958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 235, 154) }
```

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

```
.background{ background-color: rgb(205,  
235, 154) }
```

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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