

Converting Colors

XYZ(58.7970, 73.2961, 30.0026)

Have a look what the booklet for
XYZ(58.7970, 73.2961, 30.0026)
contains.

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Color

**XYZ(58.7894, 73.1430,
30.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E97C
RGB	208, 233, 124
RGB Percent	82%, 91%, 49%
CMY	0.1843, 0.0863, 0.5137
CMYK	0.11, 0.00, 0.47, 0.09
HSL	74°, 71%, 70%
HSV	74°, 47%, 91%
XYZ	58.7894, 73.1430, 30.0883
YIQ	213.0990, 20.0890, -39.1990

Conversions

Conversions Part 2

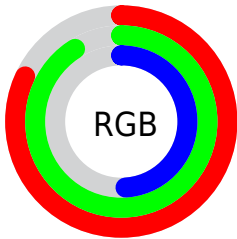
Format	Color
RYB	124, 233, 149
Decimal	13691260
CIELab	88.52, -24.49, 49.93
CIELCh	89, 55.611, 116.123
Yxy	73.1430, 0.3629, 0.4514
Android (android.graphics.Color)	4291881340 (0xFFD0E97C)
YUV	213.0990, -43.9258, -4.4718
Hunter-Lab	85.5237, -26.9647, 39.0076

Details

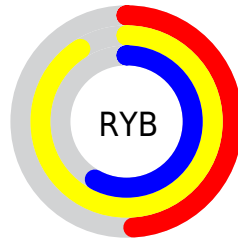
The XYZ color **58.7894, 73.1430, 30.0883** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **34.3130, 26.6901, 80.4383**, and the grayscale version is **63.5890, 66.9006, 72.8548**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **29.8407, 38.5876, 12.0063** is the 20% darker color. If you saturate the color by 10%, you get **56.0095, 71.8629, 23.1546**, and if you desaturate by 10%, it is **61.9717, 74.5950, 38.8609**.

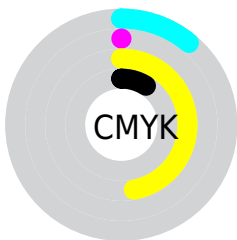
Distribution



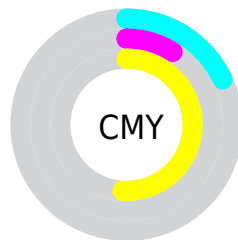
- Red (82%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7894, 73.1430, 30.0883 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 58.7894, 73.1430, 30.0883 by changing the saturation by 10% instead.

■ 58.7894, 73.1430,
30.0883

■ 58.7894, 73.1430,
30.0883

410.0276,
471.5103, 316.5359

■ 42.6893, 54.0929,
19.6530

■ 102.1879,
123.6802, 60.8644

■ 29.8349, 38.6759,
11.9615

■ 130.2170,
155.9361, 82.0424

■ 19.8608, 26.5077,
6.5952

■ 162.9532,
193.3627, 107.6383

■ 12.4015, 17.2039,
3.1357

200.7618,
236.3444, 138.0706

■ 7.0919, 10.3799,
1.1643

244.0082,
285.2656, 173.7581

■ 3.5665, 5.6516,
0.0000

293.0578,

■ 1.4599, 2.6344,

340.5107, 215.1190

0.0000

348.2758,
402.4642, 262.5722

■ 0.2983, 0.9440,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7894, 73.1430,
30.0883

■ 58.7894, 73.1430,
30.0883

■ 56.0095, 71.8629,
23.1546

■ 61.9717, 74.5950,
38.8609

■ 53.6013, 70.7347,
17.9239


■ 65.5739, 76.2184,
49.5861


■ 51.5378, 69.7501,
14.2493


■ 69.6190, 78.0249,
62.3739


■ 49.7855, 68.8957,
11.9568


■ 74.1265, 80.0223,
77.3248

 48.3018, 68.1543,
10.8247


 79.1147, 82.2181,
94.5327

 47.8589, 67.9308,
10.5895

 83.1501, 84.0389,
106.4464

 84.9924, 84.9887,
106.5326

 86.8887, 85.9663,
106.6214

 88.4306, 86.7611,
106.6935

Harmonies

Analogous

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



71.2754, 73.1430, 26.4020



58.7894, 73.1430, 30.0883



50.2612, 73.1430, 45.2055

Triad

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



58.7894, 73.1430, 30.0883



56.1343, 73.1430, 157.8804



98.5002, 73.1430, 84.7301

Complementary

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



58.7894, 73.1430, 30.0883



34.3130, 26.6901, 80.4383

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.



93.1605, 73.1430, 128.2149



58.7894, 73.1430, 30.0883



67.7941, 73.1430, 178.1797

Square

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



58.7894, 73.1430, 30.0883



48.8721, 73.1430, 116.7163



81.4833, 73.1430, 165.8787



95.2923, 73.1430, 51.3870

Rectangle

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



58.7894, 73.1430, 30.0883



47.4019, 73.1430, 63.2332



81.4833, 73.1430, 165.8787



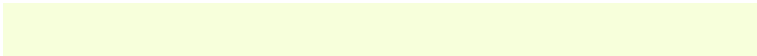
97.6292, 73.1430, 98.6651

Sweetspot

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



58.7912, 73.1463, 30.0898



86.8766, 96.3899, 81.2513



47.7749, 39.8408, 24.2419



18.3475, 20.5214, 16.5820



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.



58.7912, 73.1463, 30.0898



68.8937, 88.2619, 28.7929



46.2748, 66.6938, 29.5041



15.9944, 17.4427, 16.0425



27.2678, 38.6015, 6.0137



2.2234, 3.0735, 0.4761

Inverse Universe

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



34.3130, 26.6901, 80.4383



35.5362, 24.8686, 97.5349



46.3069, 32.8732, 80.9997



14.5545, 14.7156, 18.9955



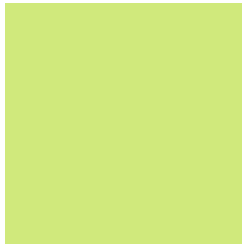
9.2815, 3.8207, 43.9912



0.8110, 0.3424, 3.4582

Previews

White Background



This preview shows how the XYZ color 58.7894, 73.1430, 30.0883 looks on a white background.

Color Contrast Check

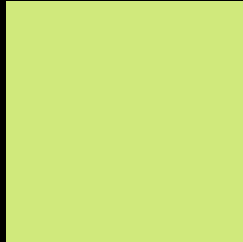
Large Text (above 18pt) WCAG AA × Fail

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 58.7894, 73.1430, 30.0883 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

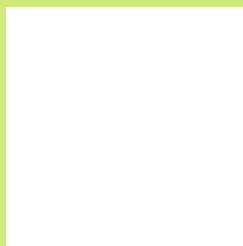
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7894, 73.1430, 30.0883

Background



This preview shows how black text looks on a background with the XYZ color 58.7894, 73.1430, 30.0883.



This preview shows how white text looks on a background with the XYZ color 58.7894, 73.1430,

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

58.7894, 73.1430, 30.0883

Protanopia

66.8197, 72.8317, 28.3055

Deuteranopia

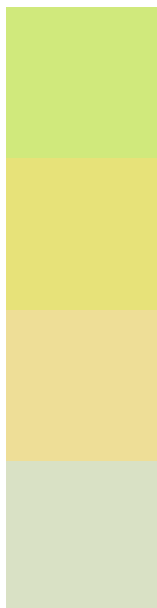
72.5155, 72.6509, 46.7603



Tritanopia

71.1500, 72.8890, 91.2079

Trichromacy



Original Color

58.7894, 73.1430, 30.0883

Protanomaly

63.6025, 72.7621, 28.7814

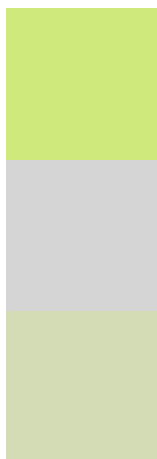
Deuteranomaly

66.9671, 72.6541, 39.7722

Tritanomaly

65.6185, 72.6334, 63.3845

Monochromacy



Original Color

58.7894, 73.1430, 30.0883

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

60.7977, 68.3715, 53.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7894, 73.1430, 30.0883 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, 233, 124)` looks like.

```
.text, #text, p{  
    color:rgb(208, 233, 124)  
}
```

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, 233, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 233, 124) }
```

Border

The CSS property to change the border of an element to XYZ 58.7894, 73.1430, 30.0883 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, 233, 124) }
```


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

```
.border{ border-color:rgb(208, 233, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 233, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 233, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 233, 124);  
box-shadow:4px 4px 4px 4px rgb(208, 233,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7894, 73.1430, 30.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 233, 124) }
```

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

```
.background{ background-color: rgb(208,  
233, 124) }
```

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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