

Converting Colors

XYZ(51.1920, 59.2801, 35.7876)

Have a look what the booklet for
XYZ(51.1920, 59.2801, 35.7876)
contains.

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Color

**XYZ(51.2974, 59.3292,
35.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D092
RGB	199, 208, 146
RGB Percent	78%, 82%, 57%
CMY	0.2196, 0.1843, 0.4274
CMYK	0.04, 0.00, 0.30, 0.18
HSL	69°, 40%, 69%
HSV	69°, 30%, 82%
XYZ	51.2974, 59.3292, 35.9421
YIQ	198.2410, 14.5380, -21.1900

Conversions

Conversions Part 2

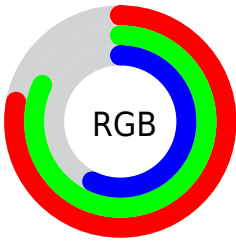
Format	Color
RYB	146, 208, 155
Decimal	13095058
CIELab	81.47, -13.05, 29.83
CIELCh	81, 32.563, 113.626
Yxy	59.3292, 0.3500, 0.4048
Android (android.graphics.Color)	4291285138 (0xFFC7D092)
YUV	198.2410, -25.7548, 0.6656
Hunter-Lab	77.0255, -15.9171, 26.2515

Details

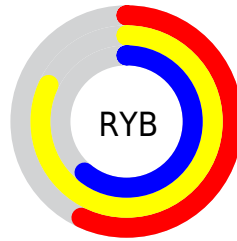
The XYZ color **51.2974, 59.3292, 35.9421** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1838, 32.0819, 64.0159**, and the grayscale version is **53.9700, 56.7807, 61.8341**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **25.1228, 29.8667, 15.2672** is the 20% darker color. If you saturate the color by 10%, you get **49.0313, 58.3331, 28.1448**, and if you desaturate by 10%, it is **53.8768, 60.4565, 45.2932**.

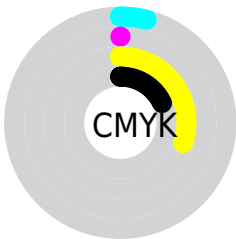
Distribution



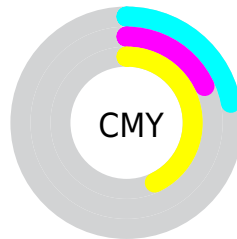
- Red (78%)
- Green (82%)
- Blue (57%)



- Red (57%)
- Yellow (82%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)





- Cyan (22%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2974, 59.3292, 35.9421 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 51.2974, 59.3292, 35.9421 by changing the saturation by 10% instead.


 51.2974, 59.3292,
35.9421


 51.2974, 59.3292,
35.9421


382.0868,
422.1208, 343.7372

 36.6674, 42.8782,
24.1001


 91.2746, 103.8560,
70.1107

 25.1225, 29.7895,
15.1950


 117.3525,
132.7005, 93.2745

 16.2976, 19.6789,
8.8082


147.9770,
166.4450, 121.0492

 9.8272, 12.1619,
4.5212

183.5135,
205.4739, 153.8536

 5.3459, 6.8540,
1.9154

224.3274,
250.1715, 192.1060

 2.4884, 3.3710,
0.5025

270.7840,

 0.8894, 1.3283,

300.9222, 236.2250

0.0000

323.2487,
358.1106, 286.6292

■ 0.0000, 0.1630,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.2974, 59.3292,
35.9421

■ 51.2974, 59.3292,
35.9421

■ 49.0313, 58.3331,
28.1448

■ 53.8768, 60.4565,
45.2932

■ 47.0581, 57.4540,
21.8132

■ 56.7800, 61.7132,
56.2721

■ 45.3615, 56.6873,
16.8566

■ 60.0222, 63.1073,
68.9525

■ 43.9220, 56.0253,
13.1724

■ 63.6165, 64.6441,
83.4028

■ 42.7173, 55.4590,
10.6436

■ 67.5753, 66.3286,
99.6873

■ 41.7212, 54.9779,
9.1320

■ 69.2598, 67.1053,
103.9100

■ 40.8860, 54.5629,
8.3882

■ 70.1667, 67.5728,
103.9524

■ 40.8706, 54.5552,
8.3761

■ 71.0902, 68.0489,
103.9956

■ 72.0302, 68.5335,
104.0396

Harmonies

Analogous

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



57.8587, 59.3292, 34.0057



51.2974, 59.3292, 35.9421



46.4787, 59.3292, 44.7909

Triad

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



51.2974, 59.3292, 35.9421



48.9667, 59.3292, 99.7963



70.4507, 59.3292, 68.8583

Complementary

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



51.2974, 59.3292, 35.9421



35.1838, 32.0819, 64.0159

Split Complementary

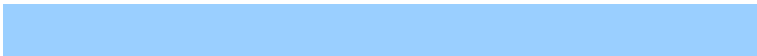
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6202, 59.3292, 89.5259



51.2974, 59.3292, 35.9421



54.9476, 59.3292, 109.5656

Square

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



51.2974, 59.3292, 35.9421



45.2108, 59.3292, 80.8475



61.8103, 59.3292, 105.4713



69.2764, 59.3292, 50.6886

Rectangle

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



51.2974, 59.3292, 35.9421



44.7230, 59.3292, 54.5815



61.8103, 59.3292, 105.4713



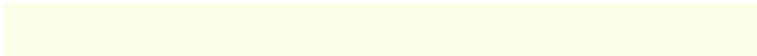
69.9292, 59.3292, 75.7737

Sweetspot

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



51.2989, 59.3318, 35.9434



90.3570, 97.9824, 90.5313



42.8024, 38.6861, 32.4061



19.1868, 20.9061, 18.7874



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.



51.2989, 59.3318, 35.9434



78.8928, 92.9900, 48.5351



44.0513, 55.5956, 35.6042



12.6277, 13.7070, 12.5922



25.5349, 34.0327, 5.2231



1.4749, 1.9272, 0.2943

Inverse Universe

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



35.1838, 32.0819, 64.0159



49.2078, 42.7777, 100.2711



41.7379, 35.4607, 64.3226



11.3212, 11.4989, 14.8665



7.4832, 3.0380, 37.3845



0.4709, 0.1969, 2.0928

Previews

White Background



This preview shows how the XYZ color 51.2974, 59.3292, 35.9421 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 51.2974, 59.3292, 35.9421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

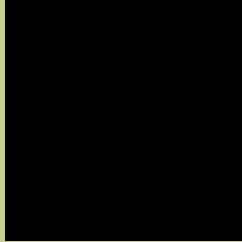
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

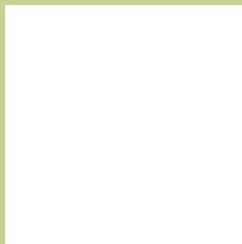
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2974, 59.3292, 35.9421

Background



This preview shows how black text looks on a background with the XYZ color 51.2974, 59.3292, 35.9421.



This preview shows how white text looks on a background with the XYZ color 51.2974, 59.3292,

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

51.2974, 59.3292, 35.9421

Protanopia

54.9919, 59.1297, 34.5014

Deuteranopia

60.3132, 59.1042, 36.6632



Tritanopia

58.7016, 59.1630, 72.6157

Trichromacy



Original Color

51.2974, 59.3292, 35.9421

Protanomaly

53.4909, 59.0482, 34.9637

Deuteranomaly

56.5092, 58.8323, 36.3944

Tritanomaly

55.5916, 58.9379, 57.1614

Monochromacy



Original Color

51.2974, 59.3292, 35.9421

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.5459, 57.5015, 50.9773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2974, 59.3292, 35.9421 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(199, 208, 146)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 146)  
}
```

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(199, 208, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 146) }
```

Border

The CSS property to change the border of an element to XYZ 51.2974, 59.3292, 35.9421 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(199, 208, 146) }
```


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

```
.border{ border-color:rgb(199, 208, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 208, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 146);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2974, 59.3292, 35.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 146) }
```

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

```
.background{ background-color: rgb(199,  
208, 146) }
```

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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