

Converting Colors

XYZ(59.3377, 74.7327, 28.7502)

Have a look what the booklet for
XYZ(59.3377, 74.7327, 28.7502)
contains.

XYZ(59.3377, 74.7327, 28.7502)	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(59.3377, 74.7327,
28.7502)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EC77
RGB	208, 236, 119
RGB Percent	82%, 93%, 47%
CMY	0.1843, 0.0745, 0.5333
CMYK	0.12, 0.00, 0.50, 0.07
HSL	74°, 75%, 70%
HSV	74°, 50%, 93%
XYZ	59.3377, 74.7327, 28.7502
YIQ	214.2900, 20.8690, -42.3230

Conversions

Conversions Part 2

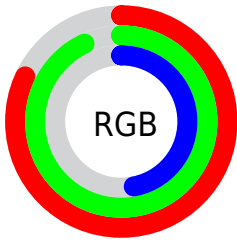
Format	Color
RYB	119, 236, 147
Decimal	13692023
CIELab	89.27, -26.41, 53.19
CIELCh	89, 59.381, 116.403
Yxy	74.7327, 0.3644, 0.4590
Android (android.graphics.Color)	4291882103 (0xFFD0EC77)
YUV	214.2900, -46.9780, -5.5163
Hunter-Lab	86.4481, -28.7623, 40.7955

Details

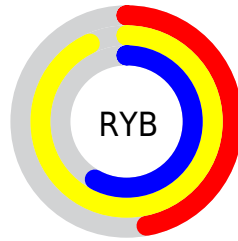
The XYZ color **59.3377, 74.7327, 28.7502** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **33.7726, 25.4548, 82.4944**, and the grayscale version is **64.4104, 67.7648, 73.7958**.

A 20% lighter version of the original color is **84.6400, 95.8360, 54.0816**, and **30.0671, 39.6152, 11.2160** is the 20% darker color. If you saturate the color by 10%, you get **56.5332, 73.4333, 22.1171**, and if you desaturate by 10%, it is **62.5543, 76.2087, 37.2423**.

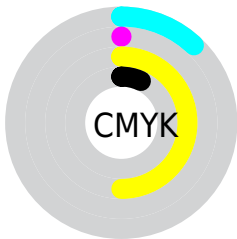
Distribution



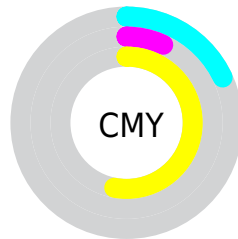
- Red (82%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3377, 74.7327, 28.7502 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 59.3377, 74.7327, 28.7502 by changing the saturation by 10% instead.

■ 59.3377, 74.7327,
28.7502

■ 59.3377, 74.7327,
28.7502

412.0262,
476.9983, 310.0585

■ 43.1324, 55.3939,
18.6480

■ 102.9801,
125.9339, 58.7174

■ 30.1840, 39.7172,
11.2420

■ 131.1480,
158.5652, 79.4195

■ 20.1271, 27.3181,
6.1136

■ 164.0342,
196.3960, 104.4919

■ 12.5962, 17.8123,
2.8444

202.0039,
239.8109, 134.3533

■ 7.2262, 10.8153,
1.0157

245.4227,
289.1941, 169.4220

■ 3.6515, 5.9428,
0.0000

294.6557,

■ 1.5070, 2.8103,

344.9302, 210.1168

0.0000

350.0684,
407.4035, 256.8561

■ 0.3306, 1.0335,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3377, 74.7327,
28.7502

■ 59.3377, 74.7327,
28.7502

■ 56.5332, 73.4333,
22.1171

■ 62.5543, 76.2087,
37.2423

■ 54.1084, 72.2896,
17.1986


■ 66.2020, 77.8612,
47.7143


■ 52.0340, 71.2925,
13.8365


■ 70.3049, 79.7024,
60.2822

■ 50.2735, 70.4272,
11.8414


■ 74.8836, 81.7407,
75.0518


 48.7680, 69.6703,
10.9061


 79.9575, 83.9838,
92.1217

 48.7069, 69.6394,
10.8746

 84.6287, 86.0727,
106.7610

 86.5967, 87.0872,
106.8531

 88.6251, 88.1329,
106.9480

 89.2871, 88.4741,
106.9790

Harmonies

Analogous

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



72.7952, 74.7327, 24.8555



59.3377, 74.7327, 28.7502



50.2423, 74.7327, 44.6947

Triad

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



59.3377, 74.7327, 28.7502



56.6902, 74.7327, 167.6743



102.6575, 74.7327, 86.4854

Complementary

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



59.3377, 74.7327, 28.7502



33.7726, 25.4548, 82.4944

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.



96.8844, 74.7327, 134.0499



59.3377, 74.7327, 28.7502



69.2959, 74.7327, 189.9432

Square

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



59.3377, 74.7327, 28.7502



48.8661, 74.7327, 122.3051



84.1681, 74.7327, 175.9197



99.0522, 74.7327, 50.7718

Rectangle

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



59.3377, 74.7327, 28.7502



47.2269, 74.7327, 64.0022



84.1681, 74.7327, 175.9197



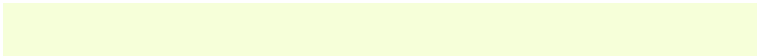
101.7314, 74.7327, 101.6286

Sweetspot

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



59.3395, 74.7361, 28.7518



86.2034, 96.0815, 79.4775



48.2497, 39.8174, 22.5963



18.2078, 20.4570, 16.2326



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.



59.3395, 74.7361, 28.7518



67.4967, 87.5890, 26.5926



45.9423, 67.8295, 28.1248



15.9792, 17.4348, 16.0418



26.9680, 38.4470, 5.9997



2.2021, 3.0626, 0.4751

Inverse Universe

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



33.7726, 25.4548, 82.4944



33.9659, 22.8561, 97.2292



46.8614, 32.2023, 83.1070



14.5688, 14.7230, 18.9962



9.3560, 3.8591, 43.9947



0.8186, 0.3463, 3.4586

Previews

White Background



This preview shows how the XYZ color 59.3377, 74.7327, 28.7502 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 59.3377, 74.7327, 28.7502 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 59.3377, 74.7327, 28.7502

Background



This preview shows how black text looks on a background with the XYZ color 59.3377, 74.7327, 28.7502.

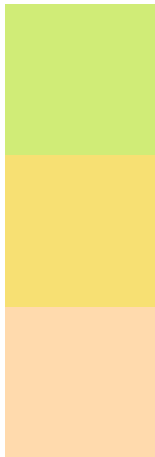


This preview shows how white text looks on a background with the XYZ color 59.3377, 74.7327,

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

59.3377, 74.7327, 28.7502

Protanopia

68.1079, 74.3233, 26.9758

Deuteranopia

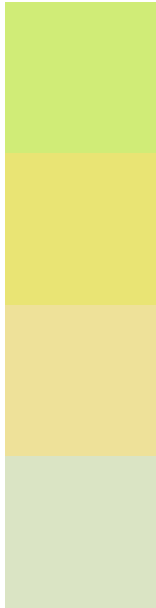
73.8542, 74.4199, 50.0071



Tritanopia

72.5473, 74.7546, 93.0435

Trichromacy



Original Color

59.3377, 74.7327, 28.7502

Protanomaly

64.5001, 74.0714, 27.4207

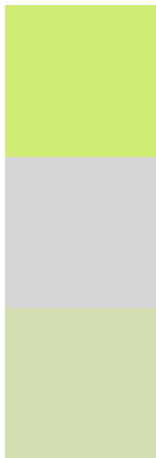
Deuteranomaly

67.9349, 74.3275, 40.9031

Tritanomaly

66.6207, 74.3778, 63.0696

Monochromacy



Original Color

59.3377, 74.7327, 28.7502

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

61.4093, 69.4943, 52.8249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3377, 74.7327, 28.7502 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, 236, 119)` looks like.

```
.text, #text, p{  
    color:rgb(208, 236, 119)  
}
```

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, 236, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 236, 119) }
```

Border

The CSS property to change the border of an element to XYZ 59.3377, 74.7327, 28.7502 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, 236, 119) }
```


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

```
.border{ border-color:rgb(208, 236, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 236, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 236, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 236, 119);  
box-shadow:4px 4px 4px 4px rgb(208, 236,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3377, 74.7327, 28.7502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 236, 119) }
```

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

```
.background{ background-color: rgb(208,  
236, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor