

Converting Colors

XYZ(59.7814, 77.6368, 32.3748)

Have a look what the booklet for
XYZ(59.7814, 77.6368, 32.3748)
contains.

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Color

**XYZ(59.7358, 77.4803,
32.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F280
RGB	201, 242, 128
RGB Percent	79%, 95%, 50%
CMY	0.2118, 0.0510, 0.4980
CMYK	0.17, 0.00, 0.47, 0.05
HSL	82°, 81%, 73%
HSV	82°, 47%, 95%
XYZ	59.7358, 77.4803, 32.2289
YIQ	216.7450, 12.1580, -44.1460

Conversions

Conversions Part 2

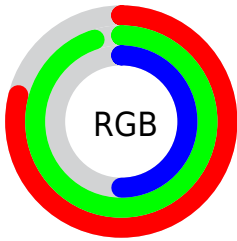
Format	Color
RYB	128, 242, 169
Decimal	13234816
CIELab	90.54, -30.95, 50.41
CIELCh	91, 59.147, 121.548
Yxy	77.4803, 0.3525, 0.4573
Android (android.graphics.Color)	4291424896 (0xFFC9F280)
YUV	216.7450, -43.7513, -13.8084
Hunter-Lab	88.0229, -32.9029, 39.9075

Details

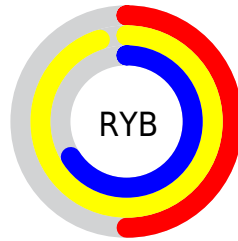
The XYZ color **59.7358, 77.4803, 32.2289** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **40.1116, 30.2864, 87.7406**, and the grayscale version is **66.0647, 69.5052, 75.6912**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **30.5060, 41.6456, 13.0872** is the 20% darker color. If you saturate the color by 10%, you get **56.0555, 75.7481, 24.7106**, and if you desaturate by 10%, it is **63.9324, 79.4396, 41.7572**.

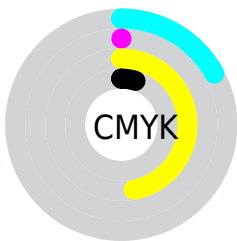
Distribution



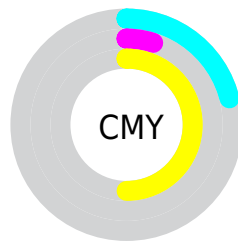
- Red (79%)
- Green (95%)
- Blue (50%)



- Red (50%)
- Yellow (95%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (47%)
- Black (5%)





- Cyan (21%)
- Magenta (5%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7358, 77.4803, 32.2289 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 59.7358, 77.4803, 32.2289 by changing the saturation by 10% instead.


 59.7358, 77.4803,
32.2289


 59.7358, 77.4803,
32.2289


413.4736,
486.4001, 326.6854


 43.4544, 57.6472,
21.2701


 103.5548,
129.8173, 64.2718

 30.4378, 41.5251,
13.1284


 131.8232,
163.0899, 86.1931

 20.3209, 28.7296,
7.3853


 164.8178,
201.6111, 112.6056

 12.7381, 18.8763,
3.6221

202.9042,
245.7653, 143.9278

 7.3242, 11.5810,
1.4204

246.4476,
295.9369, 180.5784

 3.7138, 6.4590,
0.1576

295.8134,


 1.5415, 3.1262,

352.5103, 222.9758


0.0000


351.3669,
415.8699, 271.5387


 0.3538, 1.1979,
0.0000


 0.0000, 0.0600,
0.0000


 59.7358, 77.4803,
32.2289


 59.7358, 77.4803,
32.2289


 56.0555, 75.7481,
24.7106


 63.9324, 79.4396,
41.7572


 52.8563, 74.2208,
19.0528


 68.6664, 81.6269,
53.4209

 50.1066, 72.8881,
15.0930


 73.9646, 84.0556,
67.3410


 47.7676, 71.7342,
12.6387

 79.8499, 86.7352,
83.6282

 45.7899, 70.7391,
11.4417

 86.3439, 89.6745,
102.3856

 45.2634, 70.4721,
11.2168

 90.3950, 91.6532,
107.5342

 91.0438, 91.9876,
107.5646

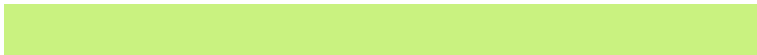
Harmonies

Analogous

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



72.8768, 77.4803, 26.3082



59.7358, 77.4803, 32.2289



51.3512, 77.4803, 51.1896

Triad

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



59.7358, 77.4803, 32.2289



60.9011, 77.4803, 178.2085



105.9060, 77.4803, 82.1809

Complementary

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



59.7358, 77.4803, 32.2289



40.1116, 30.2864, 87.7406

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.



101.6001, 77.4803, 129.4478



59.7358, 77.4803, 32.2289



74.4139, 77.4803, 194.8575

Square

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



59.7358, 77.4803, 32.2289



51.9579, 77.4803, 134.5861



89.5560, 77.4803, 174.6093



100.6506, 77.4803, 48.5055

Rectangle

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



59.7358, 77.4803, 32.2289



48.9307, 77.4803, 72.9428



89.5560, 77.4803, 174.6093



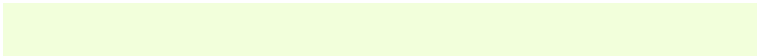
105.5259, 77.4803, 96.9167

Sweetspot

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



59.7377, 77.4837, 32.2306



85.2583, 95.5557, 81.1756



54.5013, 48.4067, 26.8941



17.9512, 20.3171, 16.5635



0.0000, 0.0000, 0.0000



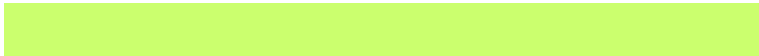
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7377, 77.4837, 32.2306



63.1075, 85.2952, 27.7896



47.3456, 71.0954, 31.6506



16.5394, 18.1582, 16.7829



24.4692, 37.9359, 6.0327



2.1438, 3.2117, 0.5069

Inverse Universe

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



40.1116, 30.2864, 87.7406



38.4746, 25.9707, 97.5927



54.7693, 37.8427, 88.4266



15.4339, 15.5054, 19.9010



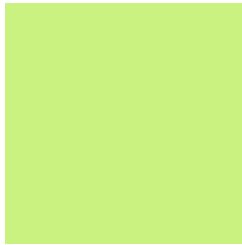
10.8593, 4.6036, 45.4441



1.0084, 0.4371, 3.7854

Previews

White Background



This preview shows how the XYZ color 59.7358, 77.4803, 32.2289 looks on a white background.

Color Contrast Check

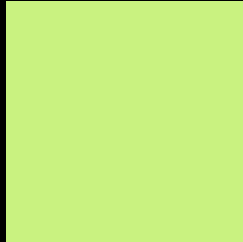
Large Text (above 18pt) WCAG AA × Fail

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 59.7358, 77.4803, 32.2289 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 59.7358, 77.4803, 32.2289

Background



This preview shows how black text looks on a background with the XYZ color 59.7358, 77.4803, 32.2289.



This preview shows how white text looks on a background with the XYZ color 59.7358, 77.4803,

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

59.7358, 77.4803, 32.2289

Protanopia

70.4686, 76.6922, 29.8279

Deuteranopia

76.0130, 76.9632, 56.1965



Tritanopia

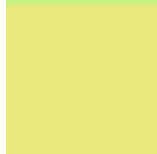
73.4231, 77.5057, 99.0860

Trichromacy



Original Color

59.7358, 77.4803, 32.2289



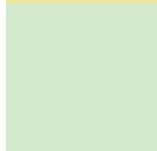
Protanomaly

65.8370, 76.3497, 30.6690



Deuteranomaly

68.9811, 76.3811, 46.2293



Tritanomaly

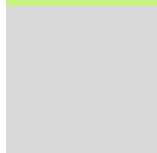
67.1859, 77.0542, 68.4586

Monochromacy



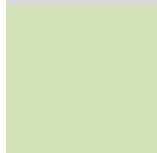
Original Color

59.7358, 77.4803, 32.2289



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.8173, 71.7444, 56.4362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7358, 77.4803, 32.2289 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(201, 242, 128)` looks like.

```
.text, #text, p{  
    color:rgb(201, 242, 128)  
}
```

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(201, 242, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 242, 128) }
```

Border

The CSS property to change the border of an element to XYZ 59.7358, 77.4803, 32.2289 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(201, 242, 128) }
```


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

```
.border{ border-color:rgb(201, 242, 128) }
```

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

Here you see how a box with a 4 pixel rgb(201, 242, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 242, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 242, 128);  
box-shadow:4px 4px 4px 4px rgb(201, 242,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7358, 77.4803, 32.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 242, 128) }
```

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

```
.background{ background-color: rgb(201,  
242, 128) }
```

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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