

Converting Colors

XYZ(61.4738, 77.4824, 32.9172)

Have a look what the booklet for
XYZ(61.4738, 77.4824, 32.9172)
contains.

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Color

**XYZ(61.4838, 77.4872,
32.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F082
RGB	209, 240, 130
RGB Percent	82%, 94%, 51%
CMY	0.1804, 0.0588, 0.4902
CMYK	0.13, 0.00, 0.46, 0.06
HSL	77°, 79%, 73%
HSV	77°, 46%, 94%
XYZ	61.4838, 77.4872, 32.8351
YIQ	218.1910, 16.8340, -40.7820

Conversions

Conversions Part 2

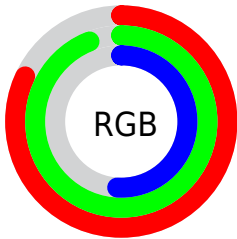
Format	Color
RYB	130, 240, 161
Decimal	13758594
CIELab	90.55, -26.82, 49.58
CIELCh	91, 56.371, 118.413
Yxy	77.4872, 0.3579, 0.4510
Android (android.graphics.Color)	4291948674 (0xFFD1F082)
YUV	218.1910, -43.4782, -8.0605
Hunter-Lab	88.0268, -29.3706, 39.5029

Details

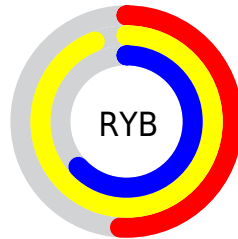
The XYZ color **61.4838, 77.4872, 32.8351** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **38.4119, 29.8357, 86.1769**, and the grayscale version is **67.0566, 70.5488, 76.8276**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **31.6169, 41.5891, 13.3823** is the 20% darker color. If you saturate the color by 10%, you get **58.1841, 75.9536, 25.2302**, and if you desaturate by 10%, it is **65.2443, 79.2199, 42.4257**.

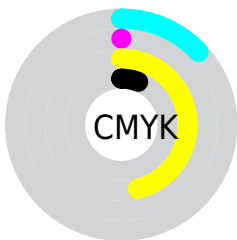
Distribution



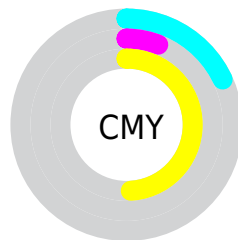
- Red (82%)
- Green (94%)
- Blue (51%)



- Red (51%)
- Yellow (94%)
- Blue (63%)



- Cyan (13%)
- Magenta (0%)
- Yellow (46%)
- Black (6%)





- Cyan (18%)
- Magenta (6%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4838, 77.4872, 32.8351 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 61.4838, 77.4872, 32.8351 by changing the saturation by 10% instead.

 61.4838, 77.4872,
32.8351

 61.4838, 77.4872,
32.8351


419.7933,
486.4235, 329.5152


 44.8697, 57.6528,
21.7301


 106.0733,
129.8270, 65.2310

 31.5557, 41.5296,
13.4623


 134.7794,
163.1012, 87.3590

 21.1763, 28.7331,
7.6132

 168.2470,
201.6241, 113.9984

 13.3661, 18.8790,
3.7642

206.8413,
245.7802, 145.5677

 7.7599, 11.5829,
1.4969

250.9277,
295.9537, 182.4855

 3.9922, 6.4603,
0.2156

300.8716,

 1.6977, 3.1270,

352.5292, 225.1704

0.0000

357.0384,
415.8910, 274.0407

0.4548, 1.1984,
0.0000

0.0000, 0.0604,
0.0000

61.4838, 77.4872,
32.8351

61.4838, 77.4872,
32.8351

58.1841, 75.9536,
25.2302

65.2443, 79.2199,
42.4257

55.3121, 74.5976,
19.4666


69.4848, 81.1515,
54.1233


52.8387, 73.4102,
15.3879


74.2302, 83.2946,
68.0453


50.7277, 72.3769,
12.8099


79.5019, 85.6579,
84.2989

 48.9351, 71.4797,
11.5050

 85.3197, 88.2496,
102.9845

 48.2533, 71.1346,
11.1871

 88.4892, 89.7918,
107.2754

 90.4518, 90.8036,
107.3673

Harmonies

Analogous

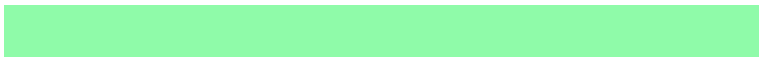
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4029, 77.4872, 28.1104



61.4838, 77.4872, 32.8351



52.8783, 77.4872, 49.8758

Triad

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



61.4838, 77.4872, 32.8351



60.3375, 77.4872, 169.3358



104.2216, 77.4872, 86.5399

Complementary

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



61.4838, 77.4872, 32.8351



38.4119, 29.8357, 86.1769

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.



99.2514, 77.4872, 131.9433



61.4838, 77.4872, 32.8351



72.9007, 77.4872, 188.2624

Square

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



61.4838, 77.4872, 32.8351



52.2783, 77.4872, 126.9867



87.3221, 77.4872, 172.7818



100.1706, 77.4872, 52.5466

Rectangle

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



61.4838, 77.4872, 32.8351



50.1482, 77.4872, 69.7115



87.3221, 77.4872, 172.7818



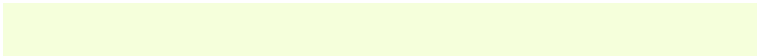
103.5395, 77.4872, 100.9524

Sweetspot

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



61.4857, 77.4907, 32.8367



86.2201, 96.0515, 81.2206



52.4228, 45.0505, 27.0528



18.1865, 20.4384, 16.5745



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.



61.4857, 77.4907, 32.8367



67.0022, 87.2701, 29.4578



48.8379, 70.9705, 32.2448



16.6634, 18.2221, 16.7887



26.5497, 39.0084, 6.1301



2.3053, 3.2949, 0.5145

Inverse Universe

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



38.4119, 29.8357, 86.1769



37.5324, 26.3222, 97.7103



51.5426, 36.6048, 86.7914



15.3156, 15.4444, 19.8955



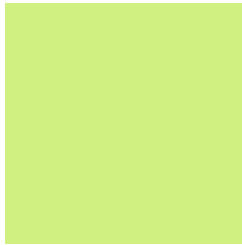
10.0132, 4.1674, 45.4045



0.9268, 0.3950, 3.7816

Previews

White Background



This preview shows how the XYZ color 61.4838, 77.4872, 32.8351 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 61.4838, 77.4872, 32.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

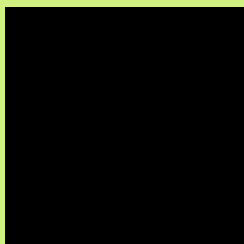
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

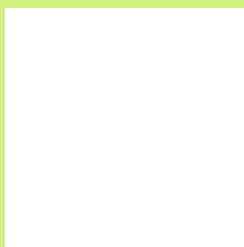
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4838, 77.4872, 32.8351

Background



This preview shows how black text looks on a background with the XYZ color 61.4838, 77.4872, 32.8351.



This preview shows how white text looks on a background with the XYZ color 61.4838, 77.4872,

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

61.4838, 77.4872, 32.8351

Protanopia

70.9336, 77.3172, 30.9238

Deuteranopia

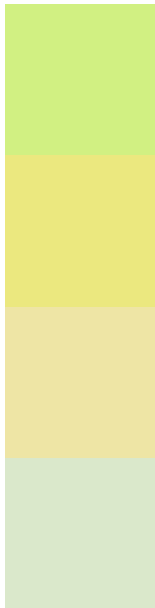
76.1182, 77.0053, 56.7506



Tritanopia

74.3819, 77.2187, 97.3706

Trichromacy



Original Color

61.4838, 77.4872, 32.8351

Protanomaly

66.9483, 76.9077, 31.3948

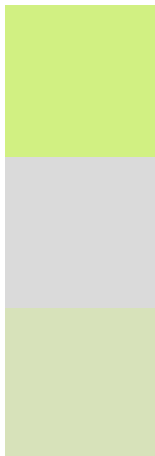
Deuteranomaly

70.0707, 76.9324, 46.7536

Tritanomaly

68.5495, 76.9304, 67.7360

Monochromacy



Original Color

61.4838, 77.4872, 32.8351

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.0836, 72.3850, 57.0485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4838, 77.4872, 32.8351 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(209, 240, 130)` looks like.

```
.text, #text, p{  
    color:rgb(209, 240, 130)  
}
```

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(209, 240, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 240, 130) }
```

Border

The CSS property to change the border of an element to XYZ 61.4838, 77.4872, 32.8351 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(209, 240, 130) }
```


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

```
.border{ border-color:rgb(209, 240, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 240, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 240, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 240, 130);  
box-shadow:4px 4px 4px 4px rgb(209, 240,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4838, 77.4872, 32.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 240, 130) }
```

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

```
.background{ background-color: rgb(209,  
240, 130) }
```

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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