

Converting Colors

XYZ(61.3798, 74.8998, 30.2908)

Have a look what the booklet for
XYZ(61.3798, 74.8998, 30.2908)
contains.

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Color

**XYZ(61.3798, 74.8998,
30.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EA7C
RGB	216, 234, 124
RGB Percent	85%, 92%, 49%
CMY	0.1529, 0.0823, 0.5137
CMYK	0.08, 0.00, 0.47, 0.08
HSL	70°, 72%, 70%
HSV	70°, 47%, 92%
XYZ	61.3798, 74.8998, 30.2908
YIQ	216.0780, 24.5820, -38.0260

Conversions

Conversions Part 2

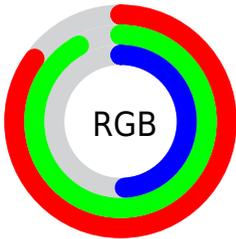
Format	Color
RYB	124, 234, 142
Decimal	14215804
CIELab	89.35, -21.90, 51.07
CIELCh	89, 55.566, 113.208
Yxy	74.8998, 0.3685, 0.4497
Android (android.graphics.Color)	4292405884 (0xFFD8EA7C)
YUV	216.0780, -45.3945, -0.0684
Hunter-Lab	86.5447, -24.8562, 39.8297

Details

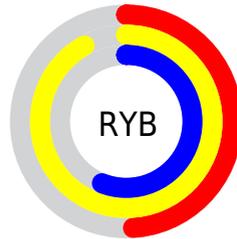
The XYZ color **61.3798, 74.8998, 30.2908** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **33.2170, 26.1085, 81.1350**, and the grayscale version is **65.6130, 69.0300, 75.1737**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **31.3558, 39.6666, 11.9650** is the 20% darker color. If you saturate the color by 10%, you get **58.9543, 73.8030, 23.3482**, and if you desaturate by 10%, it is **64.1865, 76.1574, 39.0870**.

Distribution



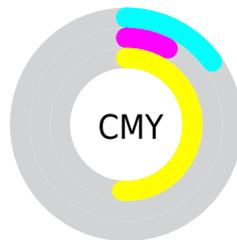
- Red (85%)
- Green (92%)
- Blue (49%)



- Red (49%)
- Yellow (92%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (47%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3798, 74.8998, 30.2908 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 61.3798, 74.8998, 30.2908 by changing the saturation by 10% instead.

61.3798, 74.8998,
30.2908

61.3798, 74.8998,
30.2908

419.4189,
477.5731, 317.5070

44.7855, 55.5308,
19.8055

105.9237,
126.1705, 61.1882

31.4890, 39.8269,
12.0711

134.6039,
158.8410, 82.4374

21.1252, 27.4036,
6.6690

168.0435,
196.7142, 108.1116

13.3285, 17.8766,
3.1807

206.6077,
240.1743, 138.6293

7.7337, 10.8614,
1.1876

250.6621,
289.6059, 174.4092

3.9754, 5.9737,
0.0000

300.5718,

1.6882, 2.8291,

345.3933, 215.8698

0.0000

356.7023,
407.9209, 263.4295

0.4489, 1.0432,
0.0000

0.0000, 0.0000,
0.0000

61.3798, 74.8998,
30.2908

61.3798, 74.8998,
30.2908

58.9543, 73.8030,
23.3482

64.1865, 76.1574,
39.0870

56.8791, 72.8467,
18.1216

67.3919, 77.5749,
49.8518

55.1272, 72.0228,
14.4619

71.0187, 79.1641,
62.6967

53.6650, 71.3177,
12.1926

75.0866, 80.9327,
77.7233

 52.4490, 70.7141,
11.0858

 79.6136, 82.8882,
95.0266

 52.1120, 70.5448,
10.8699

 83.0650, 84.4166,
106.5238

 84.3719, 85.0903,
106.5849

 85.7064, 85.7782,
106.6474

 87.0686, 86.4805,
106.7111

Harmonies

Analogous

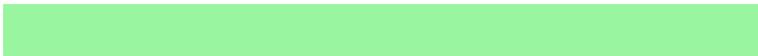
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3260, 74.8998, 27.5217



61.3798, 74.8998, 30.2908



52.2448, 74.8998, 44.4371

Triad

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



61.3798, 74.8998, 30.2908



56.6565, 74.8998, 157.3767



100.4227, 74.8998, 90.7298

Complementary

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



61.3798, 74.8998, 30.2908



33.2170, 26.1085, 81.1350

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.



94.2372, 74.8998, 135.0966



61.3798, 74.8998, 30.2908



68.1435, 74.8998, 180.7408

Square

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



61.3798, 74.8998, 30.2908



49.7701, 74.8998, 114.7470



81.9935, 74.8998, 171.5007



98.0130, 74.8998, 55.4709

Rectangle

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



61.3798, 74.8998, 30.2908



48.9863, 74.8998, 61.7840



81.9935, 74.8998, 171.5007



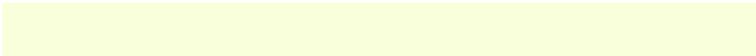
99.2563, 74.8998, 105.1447

Sweetspot

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



61.3816, 74.9032, 30.2924



87.7084, 96.8188, 81.2903



47.0237, 37.8524, 23.8976



18.5518, 20.6267, 16.5916



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

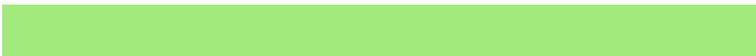
The Same Dimension uses a secret algorithm to generate beautiful new colors.



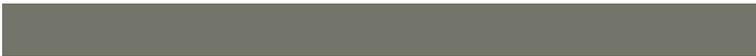
61.3816, 74.9032, 30.2924



71.8531, 89.7875, 28.9314



48.0656, 68.0385, 29.6692



16.0958, 17.4949, 16.0472



29.3736, 39.6871, 6.1122



2.3711, 3.1497, 0.4830

Inverse Universe

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



33.2170, 26.1085, 81.1350



33.9506, 24.0512, 97.4607



44.6965, 32.0264, 81.6722



14.4609, 14.6673, 18.9912



8.8705, 3.6088, 43.9720



0.7651, 0.3187, 3.4561

Previews

White Background



This preview shows how the XYZ color 61.3798, 74.8998, 30.2908 looks on a white background.

Color Contrast Check

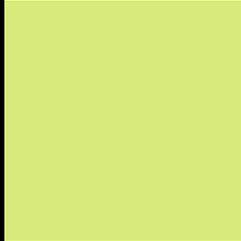
Large Text (above 18pt) WCAG AA × Fail

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 61.3798, 74.8998, 30.2908 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 61.3798, 74.8998, 30.2908

Background



This preview shows how black text looks on a background with the XYZ color 61.3798, 74.8998, 30.2908.

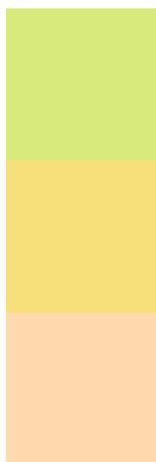


This preview shows how white text looks on a background with the XYZ color 61.3798, 74.8998,

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

61.3798, 74.8998, 30.2908

Protanopia

68.4646, 74.4659, 28.8541

Deuteranopia

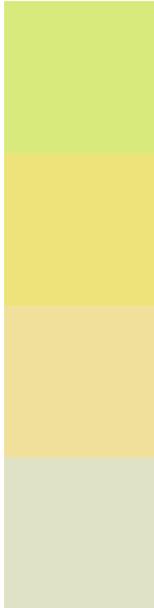
73.9514, 74.4588, 50.5187



Tritanopia

73.7495, 74.6029, 92.1741

Trichromacy



Original Color

61.3798, 74.8998, 30.2908

Protanomaly

65.8483, 74.7248, 29.3651

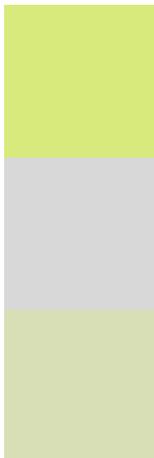
Deuteranomaly

68.9320, 74.4124, 42.1824

Tritanomaly

68.0149, 74.2712, 63.5743

Monochromacy



Original Color

61.3798, 74.8998, 30.2908

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.2538, 70.7932, 55.1304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3798, 74.8998, 30.2908 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(216, 234, 124)` looks like.

```
.text, #text, p{  
    color:rgb(216, 234, 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(216, 234, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 234, 124) }
```

Border

The CSS property to change the border of an element to XYZ 61.3798, 74.8998, 30.2908 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(216, 234, 124) }
```

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

```
.border{ border-color:rgb(216, 234, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 234, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 234, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 234, 124);  
box-shadow:4px 4px 4px 4px rgb(216, 234,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3798, 74.8998, 30.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 234, 124) }
```

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

```
.background{ background-color: rgb(216,  
234, 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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