

Converting Colors

XYZ(62.4927, 72.1197, 38.2121)

Have a look what the booklet for
XYZ(62.4927, 72.1197, 38.2121)
contains.

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Color

**XYZ(62.2816, 71.8714,
38.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE293
RGB	221, 226, 147
RGB Percent	87%, 89%, 58%
CMY	0.1333, 0.1137, 0.4235
CMYK	0.02, 0.00, 0.35, 0.11
HSL	64°, 58%, 73%
HSV	64°, 35%, 89%
XYZ	62.2816, 71.8714, 38.1937
YIQ	215.4990, 22.3790, -25.6290

Conversions

Conversions Part 2

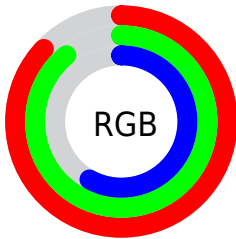
Format	Color
RYB	147, 226, 152
Decimal	14541459
CIELab	87.91, -13.59, 38.10
CIElCh	88, 40.449, 109.626
Yxy	71.8714, 0.3614, 0.4170
Android (android.graphics.Color)	4292731539 (0xFFDDE293)
YUV	215.4990, -33.7700, 4.8244
Hunter-Lab	84.7770, -17.2244, 32.6326

Details

The XYZ color **62.2816, 71.8714, 38.1937** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **37.1127, 33.0356, 76.3760**, and the grayscale version is **65.1426, 68.5351, 74.6347**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **32.1455, 37.9514, 16.4576** is the 20% darker color. If you saturate the color by 10%, you get **60.2461, 71.0096, 29.7332**, and if you desaturate by 10%, it is **64.6728, 72.8810, 48.4923**.

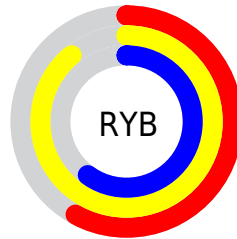
Distribution



Red (87%)

Green (89%)

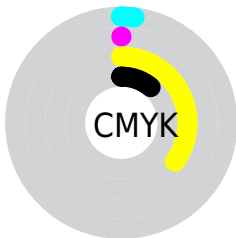
Blue (58%)



Red (58%)

Yellow (89%)

Blue (60%)

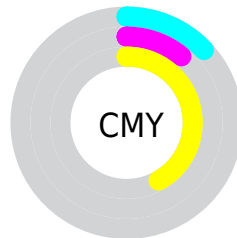


Cyan (2%)

Magenta (0%)

Yellow (35%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2816, 71.8714, 38.1937 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 62.2816, 71.8714, 38.1937 by changing the saturation by 10% instead.

62.2816, 71.8714,
38.1937

62.2816, 71.8714,
38.1937

422.6587,
467.0939, 353.7732

45.5167, 53.0536,
25.8301

107.2201,
121.8737, 73.6116

32.0676, 37.8456,
16.4719

136.1244,
153.8270, 97.5030

21.5690, 25.8629,
9.7008

169.8059,
190.9276, 126.0741

13.6554, 16.7211,
5.0980

208.6299,
233.5599, 159.7433

7.9614, 10.0358,
2.2451

252.9619,
282.1082, 198.9293

4.1219, 5.4227,
0.7002

303.1671,

1.7713, 2.4974,

336.9571, 244.0506

0.0000

359.6109,
398.4909, 295.5258

■ 0.5003, 0.8753,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2816, 71.8714,
38.1937

■ 62.2816, 71.8714,
38.1937

■ 60.2461, 71.0096,
29.7332

■ 64.6728, 72.8810,
48.4923

■ 58.5406, 70.2776,
22.9983

■ 67.4332, 74.0362,
60.7237

■ 57.1440, 69.6697,
17.8713

■ 70.5822, 75.3472,
74.9814

■ 56.0309, 69.1756,
14.2179

■ 74.1359, 76.8206,
91.3515

■ 55.1717, 68.7835,
11.8820

■ 77.2935, 78.1359,
105.6157

■ 54.5300, 68.4788,
10.6725

■ 77.7501, 78.3713,
105.6370

■ 54.2590, 68.3463,
10.3324

■ 78.2105, 78.6087,
105.6586

■ 78.6747, 78.8479,
105.6803

■ 79.1427, 79.0892,
105.7022

Harmonies

Analogous

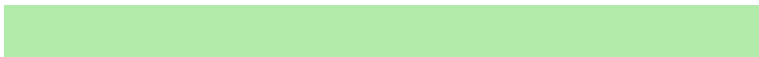
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6989, 71.8714, 36.8382



62.2816, 71.8714, 38.1937



55.1591, 71.8714, 48.6966

Triad

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



62.2816, 71.8714, 38.1937



57.0101, 71.8714, 125.9826



88.1828, 71.8714, 88.1938

Complementary

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



62.2816, 71.8714, 38.1937



37.1127, 33.0356, 76.3760

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.



83.4044, 71.8714, 117.8586



62.2816, 71.8714, 38.1937



65.0328, 71.8714, 142.8333

Square

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



62.2816, 71.8714, 38.1937



52.3194, 71.8714, 97.4442



74.7188, 71.8714, 139.5535



87.2698, 71.8714, 61.7677

Rectangle

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



62.2816, 71.8714, 38.1937



52.3886, 71.8714, 61.2144



74.7188, 71.8714, 139.5535



87.1726, 71.8714, 98.1981

Sweetspot

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



62.2834, 71.8746, 38.1952



90.6209, 98.1600, 88.6658



47.6914, 40.3942, 32.8880



19.2725, 20.9586, 18.4173



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.



62.2834, 71.8746, 38.1952



79.8848, 93.6506, 41.8415



51.8870, 66.5151, 37.7087



14.7815, 15.9830, 14.6127



30.9915, 39.0092, 5.8961



2.1744, 2.7175, 0.4099

Inverse Universe

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



37.1127, 33.0356, 76.3760



42.0815, 35.3059, 99.2045



45.5111, 37.3652, 76.7691



13.0320, 13.2845, 17.2650



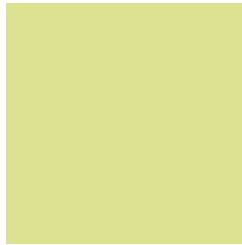
7.9715, 3.2048, 41.2468



0.5813, 0.2369, 2.8603

Previews

White Background



This preview shows how the XYZ color 62.2816, 71.8714, 38.1937 looks on a white background.

Color Contrast Check

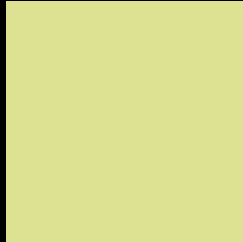
Large Text (above 18pt) WCAG AA × Fail

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 62.2816, 71.8714, 38.1937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

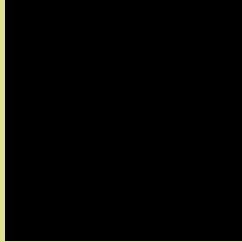
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2816, 71.8714, 38.1937

Background



This preview shows how black text looks on a background with the XYZ color 62.2816, 71.8714, 38.1937.



This preview shows how white text looks on a background with the XYZ color 62.2816, 71.8714,

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

62.2816, 71.8714, 38.1937

Protanopia

66.3006, 71.5815, 37.1102

Deuteranopia

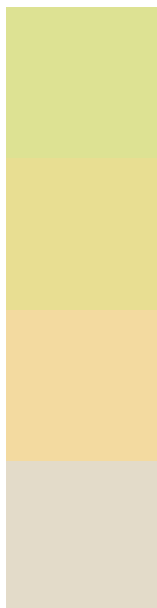
72.1021, 71.6757, 47.0804



Tritanopia

71.8209, 71.4160, 86.3432

Trichromacy



Original Color

62.2816, 71.8714, 38.1937

Protanomaly

64.5883, 71.4737, 37.5858

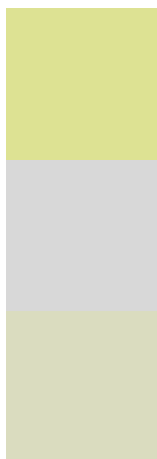
Deuteranomaly

68.3787, 71.7356, 43.5001

Tritanomaly

67.5527, 71.2110, 65.4430

Monochromacy



Original Color

62.2816, 71.8714, 38.1937

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.9106, 69.8534, 59.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2816, 71.8714, 38.1937 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(221, 226, 147)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 147)  
}
```

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(221, 226, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 147) }
```

Border

The CSS property to change the border of an element to XYZ 62.2816, 71.8714, 38.1937 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(221, 226, 147) }
```


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

```
.border{ border-color:rgb(221, 226, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 147);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2816, 71.8714, 38.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 147) }
```

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

```
.background{ background-color: rgb(221,  
226, 147) }
```

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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