

Converting Colors

XYZ(61.8339, 72.8965, 31.3361)

Have a look what the booklet for
XYZ(61.8339, 72.8965, 31.3361)
contains.

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Color

**XYZ(62.0398, 73.1267,
31.2671)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE580
RGB	222, 229, 128
RGB Percent	87%, 90%, 50%
CMY	0.1294, 0.1019, 0.4980
CMYK	0.03, 0.00, 0.44, 0.10
HSL	64°, 66%, 70%
HSV	64°, 44%, 90%
XYZ	62.0398, 73.1267, 31.2671
YIQ	215.3930, 28.2490, -32.8950

Conversions

Conversions Part 2

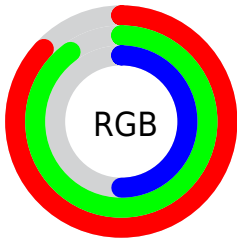
Format	Color
R_{YB}	128, 229, 135
Decimal	14607744
CIE _{Lab}	88.51, -16.74, 48.24
CIE _{LCh}	89, 51.060, 109.140
Yxy	73.1267, 0.3728, 0.4394
Android (android.graphics.Color)	4292797824 (0xFFDEE580)
YUV	215.3930, -43.0847, 5.7943
Hunter-Lab	85.5142, -20.1495, 38.1813

Details

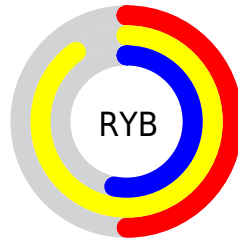
The XYZ color **62.0398, 73.1267, 31.2671** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.8563, 26.2482, 77.5204**, and the grayscale version is **65.1291, 68.5208, 74.6192**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **31.9576, 38.7932, 12.6410** is the 20% darker color. If you saturate the color by 10%, you get **60.2159, 72.3438, 24.1822**, and if you desaturate by 10%, it is **64.2120, 74.0547, 40.1467**.

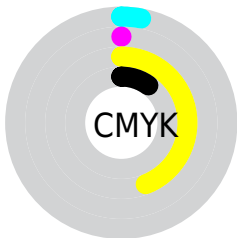
Distribution



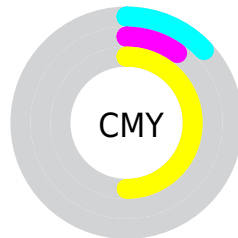
- Red (87%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (44%)
- Black (10%)





- Cyan (13%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0398, 73.1267, 31.2671 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 62.0398, 73.1267, 31.2671 by changing the saturation by 10% instead.


 62.0398, 73.1267,
31.2671

 62.0398, 73.1267,
31.2671


421.7915,
471.4538, 322.1562


 45.3206, 54.0796,
20.5422


 106.8727,
123.6571, 62.7448

 31.9124, 38.6653,
12.6018


 135.7170,
155.9091, 84.3347

 21.4498, 26.4994,
7.0274


 169.3338,
193.3315, 110.3833

 13.5675, 17.1976,
3.4005

208.0884,
236.3088, 141.3092

 7.9002, 10.3755,
1.3026

252.3461,
285.2252, 177.5309

 4.0824, 5.6486,
0.0639

302.4722,

 1.7489, 2.6326,

340.4653, 219.4669

0.0000

358.8323,
402.4134, 267.5358

■ 0.4866, 0.9431,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0398, 73.1267,
31.2671

■ 62.0398, 73.1267,
31.2671

■ 60.2159, 72.3438,
24.1822

■ 64.2120, 74.0547,
40.1467

■ 58.7118, 71.6868,
18.7654


■ 66.7483, 75.1262,
50.9271


■ 57.5032, 71.1484,
14.8810

■ 69.6697, 76.3523,
63.7115


■ 56.5600, 70.7168,
12.3700


■ 72.9942, 77.7402,
78.5945


 55.8452, 70.3770,
11.0387

 76.7386, 79.2965,
95.6644

 55.4967, 70.2061,
10.6262

 79.1975, 80.3392,
105.9406

 79.7141, 80.6055,
105.9648

 80.2354, 80.8743,
105.9892

 80.7614, 81.1454,
106.0138

Harmonies

Analogous

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



74.0536, 73.1267, 29.9302



62.0398, 73.1267, 31.2671



53.1180, 73.1267, 43.0418

Triad

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



62.0398, 73.1267, 31.2671



55.1607, 73.1267, 142.5718



95.3962, 73.1267, 93.0688

Complementary

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



62.0398, 73.1267, 31.2671



31.8563, 26.2482, 77.5204

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.



88.9563, 73.1267, 132.6222



62.0398, 73.1267, 31.2671



65.1461, 73.1267, 166.3155

Square

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



62.0398, 73.1267, 31.2671



49.4820, 73.1267, 103.9421



77.5457, 73.1267, 162.2163



94.3095, 73.1267, 59.4271

Rectangle

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



62.0398, 73.1267, 31.2671



49.6757, 73.1267, 57.8698



77.5457, 73.1267, 162.2163



94.0124, 73.1267, 106.2395

Sweetspot

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



62.0416, 73.1300, 31.2686



89.3238, 97.6124, 83.1351



44.8387, 35.4720, 24.9066



18.9299, 20.8139, 16.9573



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.



62.0416, 73.1300, 31.2686



77.0159, 92.3976, 31.4970



48.8804, 66.3452, 30.6527



15.4977, 16.7637, 15.3233



31.7708, 40.1600, 6.0771



2.3776, 2.9830, 0.4505

Inverse Universe

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



31.8563, 26.2482, 77.5204



33.8358, 25.3016, 97.7081



41.9282, 31.4405, 77.9918



13.6749, 13.9347, 18.1132



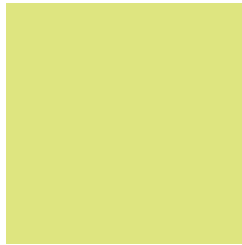
8.2432, 3.3154, 42.5886



0.6418, 0.2618, 3.1487

Previews

White Background



This preview shows how the XYZ color 62.0398, 73.1267, 31.2671 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 62.0398, 73.1267, 31.2671 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 62.0398, 73.1267, 31.2671

Background



This preview shows how black text looks on a background with the XYZ color 62.0398, 73.1267, 31.2671.



This preview shows how white text looks on a background with the XYZ color 62.0398, 73.1267, 31.2671.

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

62.0398, 73.1267, 31.2671

Protanopia

67.1954, 72.9820, 30.2840

Deuteranopia

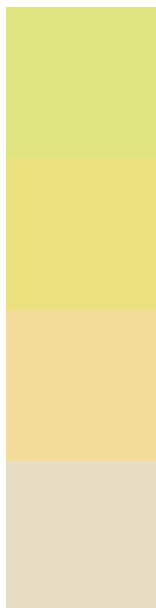
72.6083, 72.6880, 47.2491



Tritanopia

73.5958, 73.0586, 88.0647

Trichromacy



Original Color

62.0398, 73.1267, 31.2671

Protanomaly

65.3481, 73.2156, 30.7665

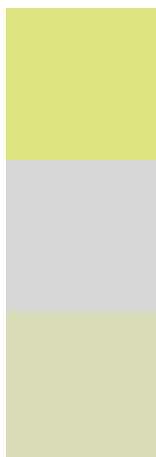
Deuteranomaly

68.3051, 72.5410, 40.5387

Tritanomaly

68.3399, 72.4760, 62.0171

Monochromacy



Original Color

62.0398, 73.1267, 31.2671

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.0539, 69.5107, 54.8934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0398, 73.1267, 31.2671 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(222, 229, 128)` looks like.

```
.text, #text, p{  
    color:rgb(222, 229, 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(222, 229, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 229, 128) }
```

Border

The CSS property to change the border of an element to XYZ 62.0398, 73.1267, 31.2671 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(222, 229, 128) }
```


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

```
.border{ border-color:rgb(222, 229, 128) }
```

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

Here you see how a box with a 4 pixel rgb(222, 229, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 229, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 229, 128);  
box-shadow:4px 4px 4px 4px rgb(222, 229,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0398, 73.1267, 31.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 229, 128) }
```

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

```
.background{ background-color: rgb(222,  
229, 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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