

Converting Colors

XYZ(60.6865, 75.8613, 31.6944)

Have a look what the booklet for
XYZ(60.6865, 75.8613, 31.6944)
contains.

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Color

**XYZ(60.7588, 75.8285,
31.8561)**

Conversions

Conversions Part 1

Format	Color
Hex	D2ED80
RGB	210, 237, 128
RGB Percent	82%, 93%, 50%
CMY	0.1765, 0.0706, 0.4980
CMYK	0.11, 0.00, 0.46, 0.07
HSL	75°, 75%, 72%
HSV	75°, 46%, 93%
XYZ	60.7588, 75.8285, 31.8561
YIQ	216.5010, 18.8970, -39.6230

Conversions

Conversions Part 2

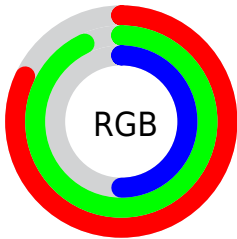
Format	Color
RYB	128, 237, 155
Decimal	13823360
CIELab	89.78, -25.23, 49.61
CIELCh	90, 55.653, 116.956
Yxy	75.8285, 0.3607, 0.4502
Android (android.graphics.Color)	4292013440 (0xFFD2ED80)
YUV	216.5010, -43.6310, -5.7014
Hunter-Lab	87.0796, -27.8428, 39.2658

Details

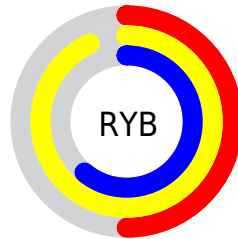
The XYZ color **60.7588, 75.8285, 31.8561** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **36.5257, 28.5233, 83.7056**, and the grayscale version is **65.8934, 69.3250, 75.4949**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **31.1548, 40.4396, 13.0011** is the 20% darker color. If you saturate the color by 10%, you get **57.7369, 74.4328, 24.5013**, and if you desaturate by 10%, it is **64.2101, 77.4084, 41.1357**.

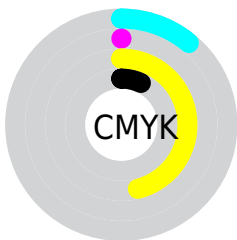
Distribution



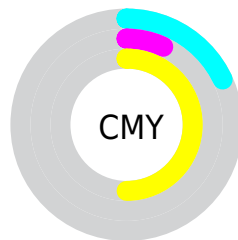
- Red (82%)
- Green (93%)
- Blue (50%)



- Red (50%)
- Yellow (93%)
- Blue (61%)



- Cyan (11%)
- Magenta (0%)
- Yellow (46%)
- Black (7%)





- Cyan (18%)
- Magenta (7%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7588, 75.8285, 31.8561 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 60.7588, 75.8285, 31.8561 by changing the saturation by 10% instead.


 60.7588, 75.8285,
31.8561

 60.7588, 75.8285,
31.8561


417.1791,
480.7604, 324.9357


 44.2823, 56.2919,
20.9877


 105.0297,
127.4845, 63.6807

 31.0914, 40.4370,
12.9239


 133.5549,
160.3726, 85.4740

 20.8206, 27.8794,
7.2460


 166.8270,
198.4800, 111.7460

 13.1047, 18.2348,
3.5357

205.2114,
242.1911, 142.9153

 7.5782, 11.1187,
1.3742

249.0735,
291.8903, 179.4004

 3.8757, 6.1467,
0.1215

298.7785,

 1.6321, 2.9345,

347.9620, 221.6198

0.0000

354.6920,
410.7906, 269.9920

0.4132, 1.0976,
0.0000

0.0000, 0.0000,
0.0000

60.7588, 75.8285,
31.8561

60.7588, 75.8285,
31.8561

57.7369, 74.4328,
24.5013

64.2101, 77.4084,
41.1357

55.1124, 73.2004,
18.9309


68.1092, 79.1719,
52.4578


52.8576, 72.1228,
14.9932


72.4799, 81.1312,
65.9364

50.9376, 71.1860,
12.5092


77.3425, 83.2947,
81.6756


 49.3098, 70.3728,
11.2572

 82.7162, 85.6699,
99.7728

 48.7118, 70.0706,
10.9576

 86.0728, 87.2458,
106.9113

 88.1567, 88.3201,
107.0089

 89.5758, 89.0517,
107.0753

Harmonies

Analogous

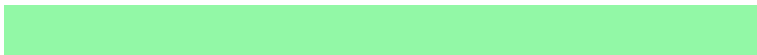
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4831, 75.8285, 27.7505



60.7588, 75.8285, 31.8561



52.1361, 75.8285, 47.8276

Triad

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



60.7588, 75.8285, 31.8561



58.6185, 75.8285, 163.5115



101.7700, 75.8285, 86.6429

Complementary

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



60.7588, 75.8285, 31.8561



36.5257, 28.5233, 83.7056

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.



96.5365, 75.8285, 131.0164



60.7588, 75.8285, 31.8561



70.6805, 75.8285, 183.3770

Square

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



60.7588, 75.8285, 31.8561



51.0151, 75.8285, 121.7855



84.7106, 75.8285, 169.9223



98.2492, 75.8285, 52.8223

Rectangle

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



60.7588, 75.8285, 31.8561



49.2981, 75.8285, 66.6536



84.7106, 75.8285, 169.9223



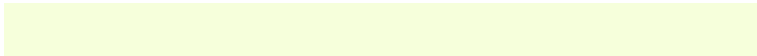
100.9619, 75.8285, 100.8248

Sweetspot

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



60.7606, 75.8319, 31.8577



86.6462, 96.2712, 81.2405



50.2863, 42.4899, 25.9741



18.2910, 20.4923, 16.5794



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.



60.7606, 75.8319, 31.8577



68.4319, 88.0072, 29.5247



48.1007, 69.3054, 31.2652



15.9663, 17.4282, 16.0412



26.7190, 38.3186, 5.9880



2.1844, 3.0534, 0.4742

Inverse Universe

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



36.5257, 28.5233, 83.7056



36.6376, 25.8610, 97.6684



49.0015, 34.9548, 84.2894



14.5808, 14.7292, 18.9968



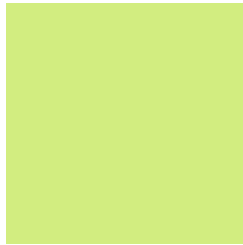
9.4215, 3.8929, 43.9978



0.8253, 0.3497, 3.4589

Previews

White Background



This preview shows how the XYZ color 60.7588, 75.8285, 31.8561 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 60.7588, 75.8285, 31.8561 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

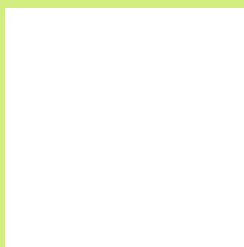
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7588, 75.8285, 31.8561

Background



This preview shows how black text looks on a background with the XYZ color 60.7588, 75.8285, 31.8561.

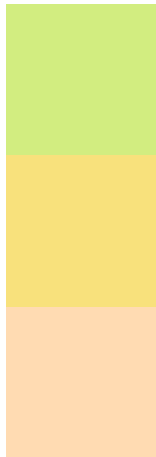


This preview shows how white text looks on a background with the XYZ color 60.7588, 75.8285,

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

60.7588, 75.8285, 31.8561

Protanopia

69.2747, 75.2621, 29.9447

Deuteranopia

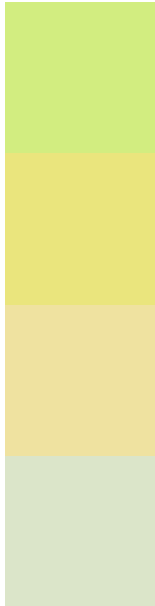
74.6074, 75.1374, 52.6902



Tritanopia

73.4231, 75.5694, 94.7209

Trichromacy



Original Color

60.7588, 75.8285, 31.8561

Protanomaly

65.6527, 75.0117, 30.4205

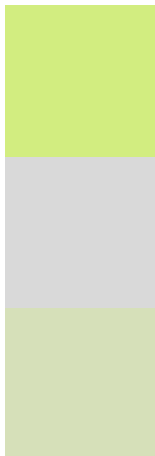
Deuteranomaly

69.1381, 75.2815, 44.1445

Tritanomaly

67.7753, 75.3157, 66.2236

Monochromacy



Original Color

60.7588, 75.8285, 31.8561

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

63.1442, 71.1102, 56.2965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7588, 75.8285, 31.8561 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(210, 237, 128)` looks like.

```
.text, #text, p{  
    color:rgb(210, 237, 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(210, 237, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 237, 128) }
```

Border

The CSS property to change the border of an element to XYZ 60.7588, 75.8285, 31.8561 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(210, 237, 128) }
```


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

```
.border{ border-color:rgb(210, 237, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 237, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 237, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 237, 128);  
box-shadow:4px 4px 4px 4px rgb(210, 237,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7588, 75.8285, 31.8561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 237, 128) }
```

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

```
.background{ background-color: rgb(210,  
237, 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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