

Converting Colors

XYZ(61.1558, 75.1308, 31.6720)

Have a look what the booklet for
XYZ(61.1558, 75.1308, 31.6720)
contains.

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Color

**XYZ(61.3362, 75.2713,
31.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EB80
RGB	214, 235, 128
RGB Percent	84%, 92%, 50%
CMY	0.1608, 0.0784, 0.4980
CMYK	0.09, 0.00, 0.46, 0.08
HSL	72°, 73%, 71%
HSV	72°, 46%, 92%
XYZ	61.3362, 75.2713, 31.7181
YIQ	216.5230, 21.8310, -37.7290

Conversions

Conversions Part 2

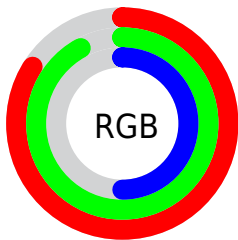
Format	Color
RYB	128, 235, 149
Decimal	14084992
CIELab	89.52, -22.75, 49.35
CIELCh	90, 54.341, 114.748
Yxy	75.2713, 0.3644, 0.4472
Android (android.graphics.Color)	4292275072 (0xFFD6EB80)
YUV	216.5230, -43.6418, -2.2127
Hunter-Lab	86.7590, -25.6338, 39.0556

Details

The XYZ color **61.3362, 75.2713, 31.7181** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.1118, 27.8280, 82.1223**, and the grayscale version is **65.9071, 69.3394, 75.5106**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **31.3292, 39.9301, 12.8935** is the 20% darker color. If you saturate the color by 10%, you get **58.6383, 74.0414, 24.4317**, and if you desaturate by 10%, it is **64.4341, 76.6709, 40.8959**.

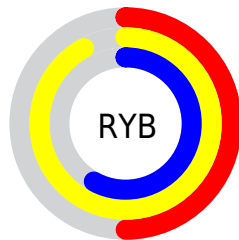
Distribution



Red (84%)

Green (92%)

Blue (50%)



Red (50%)

Yellow (92%)

Blue (58%)

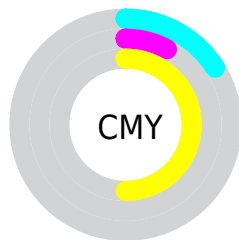


Cyan (9%)

Magenta (0%)

Yellow (46%)

Black (8%)



Cyan (16%)

Magenta (8%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3362, 75.2713, 31.7181 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 61.3362, 75.2713, 31.7181 by changing the saturation by 10% instead.

61.3362, 75.2713,
31.7181

61.3362, 75.2713,
31.7181

419.2619,
478.8495, 324.2862

44.7501, 55.8352,
20.8832

105.8609,
126.6963, 63.4617

31.4611, 40.0708,
12.8483

134.5303,
159.4540, 85.2074

21.1038, 27.5937,
7.1946

167.9581,
197.4210, 111.4273

13.3128, 18.0196,
3.5038

206.5098,
240.9817, 142.5397

7.7227, 10.9641,
1.3573

250.5507,
290.5205, 178.9633

3.9684, 6.0427,
0.1081

300.4460,

1.6843, 2.8711,

346.4219, 221.1165

0.0000

356.5613,
409.0701, 269.4180

0.4464, 1.0648,
0.0000

0.0000, 0.0000,
0.0000

61.3362, 75.2713,
31.7181

61.3362, 75.2713,
31.7181

58.6383, 74.0414,
24.4317

64.4341, 76.6709,
40.8959

56.3096, 72.9610,
18.9000


67.9496, 78.2393,
52.0799


54.3232, 72.0218,
14.9752


71.9056, 79.9883,
65.3812


52.6459, 71.2105,
12.4837


76.3216, 81.9260,
80.9016


 51.2366, 70.5107,
11.2111


 81.2162, 84.0595,
98.7361

 50.6645, 70.2224,
10.8840

 84.2683, 85.4607,
106.6619

 85.8691, 86.2859,
106.7368

 87.5102, 87.1319,
106.8136

 89.0000, 87.8999,
106.8833

Harmonies

Analogous

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



73.9163, 75.2713, 28.4213



61.3362, 75.2713, 31.7181



52.5790, 75.2713, 46.4573

Triad

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



61.3362, 75.2713, 31.7181



57.7396, 75.2713, 157.7482



100.2373, 75.2713, 88.8659

Complementary

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



61.3362, 75.2713, 31.7181



35.1118, 27.8280, 82.1223

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.



94.5934, 75.2713, 132.0733



61.3362, 75.2713, 31.7181



69.2213, 75.2713, 178.9985

Square

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



61.3362, 75.2713, 31.7181



50.6904, 75.2713, 116.7060



82.8239, 75.2713, 168.3809



97.4495, 75.2713, 54.8977

Rectangle

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



61.3362, 75.2713, 31.7181



49.5453, 75.2713, 64.1161



82.8239, 75.2713, 168.3809



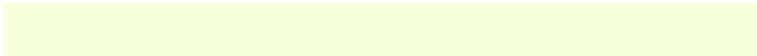
99.2444, 75.2713, 102.8354

Sweetspot

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



61.3380, 75.2747, 31.7197



87.2942, 96.6052, 81.2709



48.6897, 40.2825, 25.6322



18.4500, 20.5742, 16.5868



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.



61.3380, 75.2747, 31.7197



70.6664, 89.1591, 29.6292



48.4838, 68.6481, 31.1181



16.0454, 17.4689, 16.0449



28.3009, 39.1341, 6.0620



2.2962, 3.1110, 0.4795

Inverse Universe

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



35.1118, 27.8280, 82.1223



35.3561, 25.2003, 97.6084



46.8358, 33.8719, 82.6710



14.5073, 14.6913, 18.9933



9.0573, 3.7051, 43.9808



0.7870, 0.3300, 3.4571

Previews

White Background



This preview shows how the XYZ color 61.3362, 75.2713, 31.7181 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 61.3362, 75.2713, 31.7181 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 61.3362, 75.2713, 31.7181

Background



This preview shows how black text looks on a background with the XYZ color 61.3362, 75.2713, 31.7181.



This preview shows how white text looks on a background with the XYZ color 61.3362, 75.2713,

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

61.3362, 75.2713, 31.7181

Protanopia

68.9211, 75.0798, 29.9281

Deuteranopia

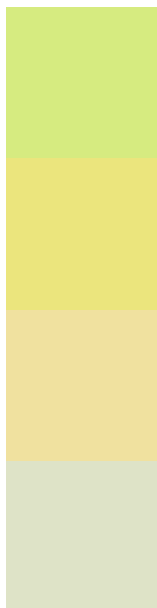
74.4080, 75.0576, 51.6401



Tritanopia

73.5280, 74.8647, 93.0131

Trichromacy



Original Color

61.3362, 75.2713, 31.7181

Protanomaly

65.9819, 75.1815, 30.4359

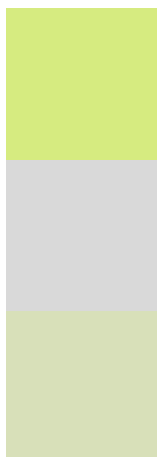
Deuteranomaly

69.1184, 74.8789, 43.6110

Tritanomaly

67.9021, 74.5913, 64.8516

Monochromacy



Original Color

61.3362, 75.2713, 31.7181

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

63.7315, 71.4130, 56.3240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3362, 75.2713, 31.7181 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(214, 235, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 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(214, 235, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 128) }
```

Border

The CSS property to change the border of an element to XYZ 61.3362, 75.2713, 31.7181 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(214, 235, 128) }
```


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

```
.border{ border-color:rgb(214, 235, 128) }
```

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

Here you see how a box with a 4 pixel rgb(214, 235, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3362, 75.2713, 31.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 128) }
```

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

```
.background{ background-color: rgb(214,  
235, 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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