

Converting Colors

XYZ(62.6452, 73.6498, 31.1643)

Have a look what the booklet for
XYZ(62.6452, 73.6498, 31.1643)
contains.

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Color

**XYZ(62.9336, 73.9994,
31.3884)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E680
RGB	224, 230, 128
RGB Percent	88%, 90%, 50%
CMY	0.1216, 0.0980, 0.4980
CMYK	0.03, 0.00, 0.44, 0.10
HSL	64°, 67%, 70%
HSV	64°, 44%, 90%
XYZ	62.9336, 73.9994, 31.3884
YIQ	216.5780, 29.1660, -32.9940

Conversions

Conversions Part 2

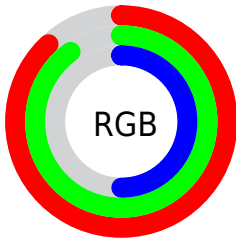
Format	Color
R_{YB}	128, 230, 134
Decimal	14739072
CIE _{Lab}	88.92, -16.45, 48.78
CIE _{LCh}	89, 51.481, 108.639
Yxy	73.9994, 0.3739, 0.4396
Android (android.graphics.Color)	4292929152 (0xFFE0E680)
YUV	216.5780, -43.6690, 6.5091
Hunter-Lab	86.0229, -19.9511, 38.5820

Details

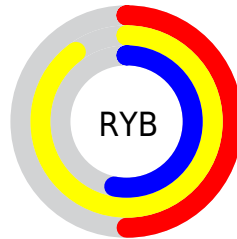
The XYZ color **62.9336, 73.9994, 31.3884** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.8362, 26.2216, 78.2505**, and the grayscale version is **65.9414, 69.3755, 75.5499**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **32.5708, 39.3972, 12.7252** is the 20% darker color. If you saturate the color by 10%, you get **61.1708, 73.2486, 24.2795**, and if you desaturate by 10%, it is **65.0465, 74.8959, 40.3076**.

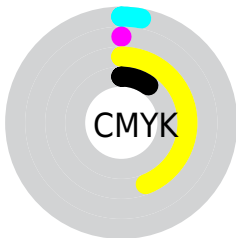
Distribution



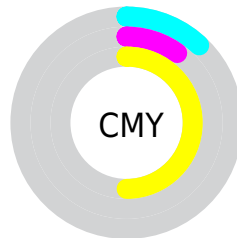
- Red (88%)
- Green (90%)
- Blue (50%)



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



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



- Cyan (12%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9336, 73.9994, 31.3884 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 62.9336, 73.9994, 31.3884 by changing the saturation by 10% instead.

62.9336, 73.9994,
31.3884

62.9336, 73.9994,
31.3884

424.9920,
474.4713, 322.7301

46.0459, 54.7935,
20.6338

108.1561,
124.8950, 62.9378

32.4869, 39.2365,
12.6680

137.2216,
157.3535, 84.5697

21.8910, 26.9437,
7.0723

171.0771,
194.9983, 110.6644

13.8930, 17.5310,
3.4282

210.0879,
238.2138, 141.6406

8.1275, 10.6138,
1.3172

254.6195,
287.3845, 177.9167

4.2291, 5.8078,
0.0758


305.0371,


1.8325, 2.7285,


342.8947, 219.9113


0.0000


361.7062,
405.1289, 268.0430


 0.5372, 0.9917,
0.0000


 0.0000, 0.0000,
0.0000


 62.9336, 73.9994,
31.3884


 62.9336, 73.9994,
31.3884


 61.1708, 73.2486,
24.2795


 65.0465, 74.8959,
40.3076


 59.7292, 72.6241,
18.8527


 67.5255, 75.9366,
51.1447


 58.5841, 72.1185,
14.9704


 70.3918, 77.1325,
64.0041


 57.7050, 71.7197,
12.4710


 73.6637, 78.4911,
78.9815

 57.0545, 71.4128,
11.1577


 77.3582, 80.0192,
96.1666

 56.7545, 71.2665,
10.7645

 79.6679, 80.9937,
106.0421

 80.1095, 81.2214,
106.0628

 80.5546, 81.4508,
106.0836

 81.0030, 81.6820,
106.1046

Harmonies

Analogous

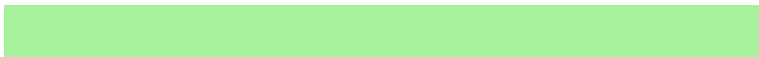
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1727, 73.9994, 30.1983



62.9336, 73.9994, 31.3884



53.8029, 73.9994, 43.1291

Triad

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



62.9336, 73.9994, 31.3884



55.6263, 73.9994, 144.0159



96.6084, 73.9994, 94.8976

Complementary

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



62.9336, 73.9994, 31.3884



31.8362, 26.2216, 78.2505

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.



89.9460, 73.9994, 135.1127



62.9336, 73.9994, 31.3884



65.7079, 73.9994, 168.5800

Square

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



62.9336, 73.9994, 31.3884



49.9415, 73.9994, 104.6179



78.2934, 73.9994, 164.9101



95.6367, 73.9994, 60.5268

Rectangle

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



62.9336, 73.9994, 31.3884



50.2528, 73.9994, 58.0242



78.2934, 73.9994, 164.9101



95.1584, 73.9994, 108.3159

Sweetspot

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



62.9354, 74.0028, 31.3899



89.4503, 97.6776, 83.1410



44.9331, 35.1858, 24.8463



18.9615, 20.8302, 16.9588



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.



62.9354, 74.0028, 31.3899



77.5139, 92.6543, 31.5203



49.6291, 67.1431, 30.7672



15.5134, 16.7717, 15.3241



32.1664, 40.3639, 6.0957



2.4026, 2.9960, 0.4516

Inverse Universe

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



31.8362, 26.2216, 78.2505



33.6216, 25.1912, 97.6981



41.7955, 31.3558, 78.7166



13.6610, 13.9275, 18.1126



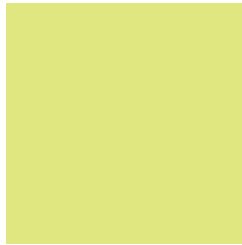
8.2178, 3.3023, 42.5875



0.6351, 0.2584, 3.1484

Previews

White Background



This preview shows how the XYZ color 62.9336, 73.9994, 31.3884 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 62.9336, 73.9994, 31.3884 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 62.9336, 73.9994, 31.3884

Background



This preview shows how black text looks on a background with the XYZ color 62.9336, 73.9994, 31.3884.



This preview shows how white text looks on a background with the XYZ color 62.9336, 73.9994,

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

62.9336, 73.9994, 31.3884

Protanopia

67.8098, 73.6942, 30.3891

Deuteranopia

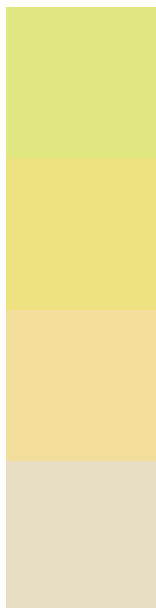
73.4992, 73.8643, 49.4131



Tritanopia

74.6589, 73.9738, 88.9407

Trichromacy



Original Color

62.9336, 73.9994, 31.3884

Protanomaly

65.9522, 73.9295, 30.8725

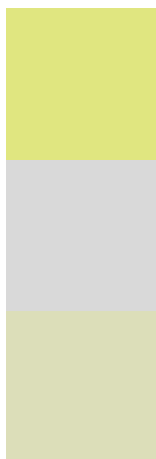
Deuteranomaly

69.4303, 73.8759, 42.0526

Tritanomaly

69.3638, 73.3839, 62.7332

Monochromacy



Original Color

62.9336, 73.9994, 31.3884

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.3934, 70.9610, 56.2019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9336, 73.9994, 31.3884 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(224, 230, 128)` looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 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(224, 230, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 128) }
```

Border

The CSS property to change the border of an element to XYZ 62.9336, 73.9994, 31.3884 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(224, 230, 128) }
```


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

```
.border{ border-color:rgb(224, 230, 128) }
```

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

Here you see how a box with a 4 pixel rgb(224, 230, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 128);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9336, 73.9994, 31.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 128) }
```

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

```
.background{ background-color: rgb(224,  
230, 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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