

Converting Colors

XYZ(62.7641, 68.2688, 31.4757)

Have a look what the booklet for
XYZ(62.7641, 68.2688, 31.4757)
contains.

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Color

**XYZ(62.9136, 68.4126,
31.3618)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD883
RGB	235, 216, 131
RGB Percent	92%, 85%, 51%
CMY	0.0784, 0.1529, 0.4863
CMYK	0.00, 0.08, 0.44, 0.08
HSL	49°, 72%, 72%
HSV	49°, 44%, 92%
XYZ	62.9136, 68.4126, 31.3618
YIQ	211.9910, 38.6090, -22.4070

Conversions

Conversions Part 2

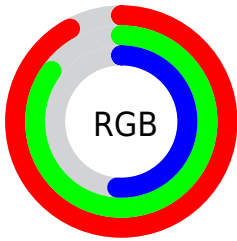
Format	Color
RYB	154, 235, 131
Decimal	15456387
CIELab	86.21, -4.82, 44.15
CIELCh	86, 44.408, 96.230
Yxy	68.4126, 0.3867, 0.4205
Android (android.graphics.Color)	4293646467 (0xFFE8D883)
YUV	211.9910, -39.9286, 20.1789
Hunter-Lab	82.7119, -8.9724, 35.4174

Details

The XYZ color **62.9136, 68.4126, 31.3618** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.2616, 32.6352, 83.0380**, and the grayscale version is **62.8139, 66.0851, 71.9667**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **32.3243, 35.4160, 12.7217** is the 20% darker color. If you saturate the color by 10%, you get **60.4134, 65.6784, 23.5420**, and if you desaturate by 10%, it is **65.8071, 71.3550, 41.0962**.

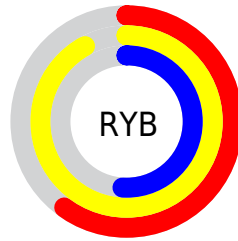
Distribution



Red (92%)

Green (85%)

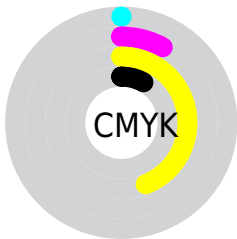
Blue (51%)



Red (60%)

Yellow (92%)

Blue (51%)

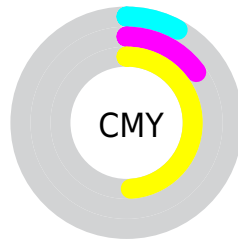


Cyan (0%)

Magenta (8%)

Yellow (44%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9136, 68.4126, 31.3618 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 62.9136, 68.4126, 31.3618 by changing the saturation by 10% instead.

62.9136, 68.4126,
31.3618

62.9136, 68.4126,
31.3618

424.9205,
454.9565, 322.6043

46.0297, 50.2335,
20.6137

108.1274,
116.9422, 62.8955

32.4740, 35.5989,
12.6535

137.1879,
148.0615, 84.5182

21.8811, 24.1246,
7.0624

171.0381,
184.2629, 110.6028

13.8857, 15.4261,
3.4221

210.0433,
225.9309, 141.5680

8.1224, 9.1190,
1.3140

254.5687,
273.4499, 177.8322

4.2258, 4.8189,
0.0732

304.9798,

1.8307, 2.1414,

327.2042, 219.8139

0.0000

361.6420,
387.5783, 267.9318

■ 0.5360, 0.6877,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9136, 68.4126,
31.3618

■ 62.9136, 68.4126,
31.3618

■ 60.4134, 65.6784,
23.5420

■ 65.8071, 71.3550,
41.0962

■ 58.2765, 63.1327,
17.5024


■ 69.1116, 74.5057,
52.8593

■ 56.4766, 60.7671,
13.0975


■ 72.8495, 77.8763,
66.7608


■ 54.9811, 58.5681,
10.1574


■ 77.0401, 81.4750,
82.9018


 53.7504, 56.5196,
8.4744


 81.7016, 85.3093,
101.3765

 53.1282, 55.3966,
7.8925

 83.9911, 88.2425,
107.2134

 85.2819, 90.8242,
107.6437

 86.6029, 93.4662,
108.0841

 87.9543, 96.1689,
108.5345

Harmonies

Analogous

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



73.2759, 68.4126, 33.9253



62.9136, 68.4126, 31.3618



54.0814, 68.4126, 37.6728

Triad

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



62.9136, 68.4126, 31.3618



50.4178, 68.4126, 112.9751



84.7300, 68.4126, 99.5711

Complementary

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



62.9136, 68.4126, 31.3618



35.2616, 32.6352, 83.0380

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.



77.3515, 68.4126, 129.7738



62.9136, 68.4126, 31.3618



57.4163, 68.4126, 138.8242

Square

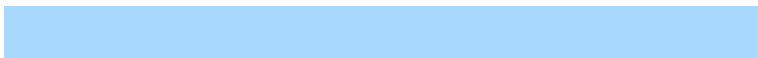
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9136, 68.4126, 31.3618



47.3706, 68.4126, 80.7693



67.1813, 68.4126, 145.6644



86.5949, 68.4126, 68.5443

Rectangle

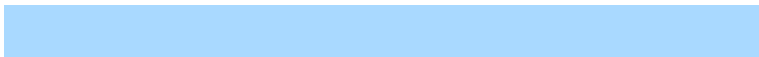
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9136, 68.4126, 31.3618



50.0102, 68.4126, 47.3674



67.1813, 68.4126, 145.6644



82.7772, 68.4126, 110.3812

Sweetspot

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



62.9153, 68.4158, 31.3632



88.2636, 94.2436, 82.5407



47.8881, 36.0997, 33.3271



18.6655, 19.9729, 16.8089



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.



62.9153, 68.4158, 31.3632



73.0060, 79.3824, 29.1961



58.1806, 73.6214, 32.6175



16.1044, 17.1319, 15.9767



29.6551, 31.0044, 4.4215



2.3894, 2.5561, 0.3674

Inverse Universe

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



35.2616, 32.6352, 83.0380



35.8292, 31.3109, 98.7629



38.4085, 30.1170, 82.3861



14.4537, 14.9939, 19.0546



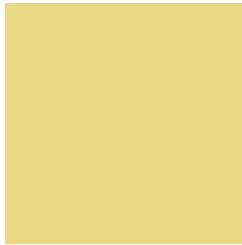
8.8913, 4.4297, 44.1294



0.7615, 0.4744, 3.4863

Previews

White Background



This preview shows how the XYZ color 62.9136, 68.4126, 31.3618 looks on a white background.

Color Contrast Check

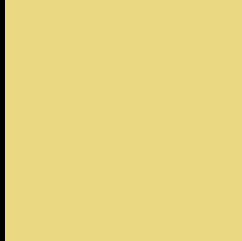
Large Text (above 18pt) WCAG AA × Fail

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 62.9136, 68.4126, 31.3618 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 62.9136, 68.4126, 31.3618

Background



This preview shows how black text looks on a background with the XYZ color 62.9136, 68.4126, 31.3618.

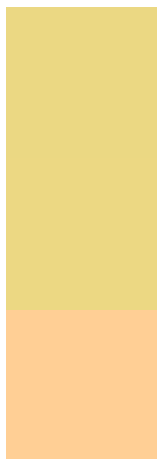


This preview shows how white text looks on a background with the XYZ color 62.9136, 68.4126,

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

62.9136, 68.4126, 31.3618

Protanopia

63.2447, 68.5833, 31.3773

Deuteranopia

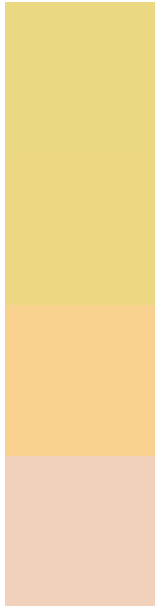
68.9776, 68.0556, 37.9343



Tritanopia

72.1907, 68.1162, 77.7495

Trichromacy



Original Color

62.9136, 68.4126, 31.3618

Protanomaly

63.2447, 68.5833, 31.3773

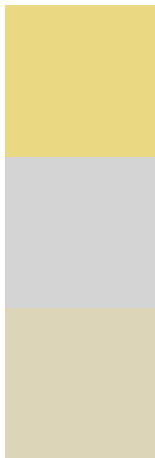
Deuteranomaly

66.6405, 68.0026, 35.2047

Tritanomaly

68.1532, 67.9325, 57.0972

Monochromacy



Original Color

62.9136, 68.4126, 31.3618

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8567, 66.2230, 54.3219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9136, 68.4126, 31.3618 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(235, 216, 131)` looks like.

```
.text, #text, p{  
    color:rgb(235, 216, 131)  
}
```

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(235, 216, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 216, 131) }
```

Border

The CSS property to change the border of an element to XYZ 62.9136, 68.4126, 31.3618 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(235, 216, 131) }
```


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

```
.border{ border-color:rgb(235, 216, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 216, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 216, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 216, 131);  
box-shadow:4px 4px 4px 4px rgb(235, 216,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9136, 68.4126, 31.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 216, 131) }
```

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

```
.background{ background-color: rgb(235,  
216, 131) }
```

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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