

Converting Colors

XYZ(62.7786, 67.4677, 31.1326)

Have a look what the booklet for
XYZ(62.7786, 67.4677, 31.1326)
contains.

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Color

**XYZ(62.7354, 67.5647,
31.2075)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ECD683 |
| RGB | 236, 214, 131 |
| RGB Percent | 93%, 84%, 51% |
| CMY | 0.0745, 0.1608, 0.4863 |
| CMYK | 0.00, 0.09, 0.44, 0.07 |
| HSL | 47°, 73%, 72% |
| HSV | 47°, 44%, 93% |
| XYZ | 62.7354, 67.5647, 31.2075 |
| YIQ | 211.1160, 39.7550, -21.1490 |

Conversions

Conversions Part 2

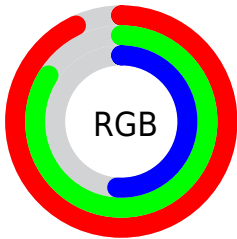
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 159, 236, 131 |
| Decimal | 15521411 |
| CIE Lab | 85.79, -3.40, 43.63 |
| CIE LCh | 86, 43.765, 94.460 |
| Yxy | 67.5647, 0.3884, 0.4183 |
| Android (android.graphics.Color) | 4293711491 (0xFFECD683) |
| YUV | 211.1160, -39.4972, 21.8233 |
| Hunter-Lab | 82.1977, -7.6103, 35.0282 |

Details

The XYZ color **62.7354, 67.5647, 31.2075** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.8914, 33.6628, 83.9627**, and the grayscale version is **62.2295, 65.4703, 71.2971**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **32.3789, 35.1858, 12.6744** is the 20% darker color. If you saturate the color by 10%, you get **60.0829, 64.5346, 23.3109**, and if you desaturate by 10%, it is **65.7935, 70.8228, 41.0380**.

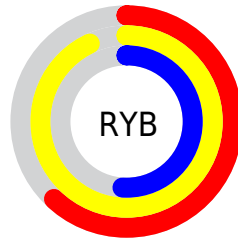
Distribution



Red (93%)

Green (84%)

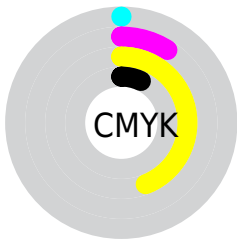
Blue (51%)



Red (62%)

Yellow (93%)

Blue (51%)

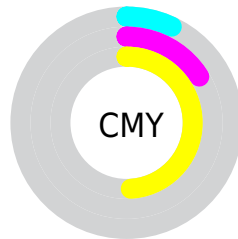


Cyan (0%)

Magenta (9%)

Yellow (44%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7354, 67.5647, 31.2075 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 62.7354, 67.5647, 31.2075 by changing the saturation by 10% instead.

62.7354, 67.5647,
31.2075

62.7354, 67.5647,
31.2075

424.2835,
451.9522, 321.8739

45.8850, 49.5437,
20.4971

107.8716,
115.7292, 62.6500

32.3593, 35.0510,
12.5693

136.8882,
146.6415, 84.2192

21.7930, 23.7021,
7.0054

170.6909,
182.6196, 110.2451

13.8206, 15.1128,
3.3870

209.6451,
224.0480, 141.1463

8.0769, 8.8986,
1.2955

254.1161,
271.3111, 177.3412

4.1964, 4.6751,
0.0581

304.4692,

1.8138, 2.0579,

324.7932, 219.2484

0.0000

361.0699,
384.8788, 267.2864

■ 0.5260, 0.6408,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7354, 67.5647,
31.2075

■ 62.7354, 67.5647,
31.2075

■ 60.0829, 64.5346,
23.3109

■ 65.7935, 70.8228,
41.0380

■ 57.8057, 61.7123,
17.2120


■ 69.2752, 74.3092,
52.9180

■ 55.8769, 59.0890,
12.7634


■ 73.2034, 78.0360,
66.9587


■ 54.2633, 56.6510,
9.7925


■ 77.5978, 82.0115,
83.2623


 52.9245, 54.3814,
8.0881


 82.4769, 86.2438,
101.9242

 52.2702, 53.1892,
7.5116

 84.8926, 89.5540,
107.4191

 86.3974, 92.5637,
107.9207

 87.9425, 95.6537,
108.4357

 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



72.8650, 67.5647, 34.2431



62.7354, 67.5647, 31.2075



53.9467, 67.5647, 36.8785

Triad

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



62.7354, 67.5647, 31.2075



49.6406, 67.5647, 109.3089



83.1651, 67.5647, 99.9378

Complementary

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



62.7354, 67.5647, 31.2075



35.8914, 33.6628, 83.9627

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.



75.7172, 67.5647, 128.9158



62.7354, 67.5647, 31.2075



56.2841, 67.5647, 135.2371

Square

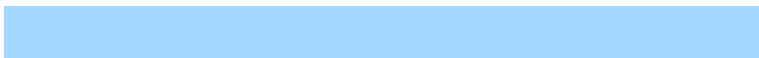
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.7354, 67.5647, 31.2075



46.9013, 67.5647, 77.9298



65.7242, 67.5647, 143.2091



85.3458, 67.5647, 69.3691

Rectangle

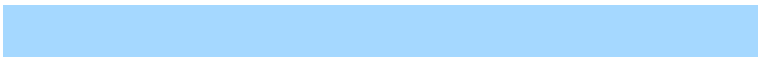
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7354, 67.5647, 31.2075



49.8158, 67.5647, 45.9883



65.7242, 67.5647, 143.2091



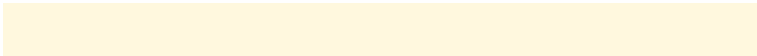
81.1591, 67.5647, 110.4193

Sweetspot

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



62.7371, 67.5678, 31.2089



87.9894, 93.6952, 82.4493



48.5207, 36.3909, 34.9304



18.5973, 19.8364, 16.7861



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.



62.7371, 67.5678, 31.2089



72.0055, 77.3813, 28.8626



59.6156, 74.7873, 32.7669



16.0685, 17.0601, 15.9647



28.9091, 29.5124, 4.1728



2.3371, 2.4515, 0.3500

Inverse Universe

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



35.8914, 33.6628, 83.9627



36.3899, 32.4323, 98.9499



37.9049, 29.8407, 83.1188



14.4869, 15.0602, 19.0656



9.0363, 4.7197, 44.1777



0.7775, 0.5065, 3.4917

Previews

White Background



This preview shows how the XYZ color 62.7354, 67.5647, 31.2075 looks on a white background.

Color Contrast Check

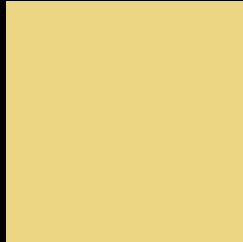
Large Text (above 18pt) WCAG AA × Fail

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 62.7354, 67.5647, 31.2075 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 62.7354, 67.5647, 31.2075

Background



This preview shows how black text looks on a background with the XYZ color 62.7354, 67.5647, 31.2075.



This preview shows how white text looks on a background with the XYZ color 62.7354, 67.5647,

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

62.7354, 67.5647, 31.2075

Protanopia

62.3289, 67.7320, 31.2612

Deuteranopia

68.4221, 67.4469, 36.2004



Tritanopia

71.7983, 67.2388, 76.2120

Trichromacy



Original Color

62.7354, 67.5647, 31.2075

Protanomaly

62.6581, 67.9017, 31.2766

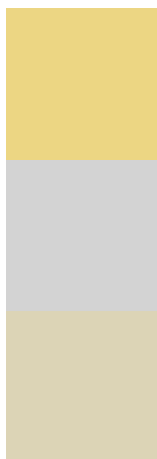
Deuteranomaly

66.2455, 67.4508, 34.3387

Tritanomaly

67.9004, 67.0907, 56.3848

Monochromacy



Original Color

62.7354, 67.5647, 31.2075

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5022, 65.6800, 53.6920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7354, 67.5647, 31.2075 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(236, 214, 131)` looks like.

```
.text, #text, p{  
    color:rgb(236, 214, 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(236, 214, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 214, 131) }
```

Border

The CSS property to change the border of an element to XYZ 62.7354, 67.5647, 31.2075 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(236, 214, 131) }
```


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

```
.border{ border-color:rgb(236, 214, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 214, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 214, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 214, 131);  
box-shadow:4px 4px 4px 4px rgb(236, 214,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7354, 67.5647, 31.2075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 214, 131) }
```

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

```
.background{ background-color: rgb(236,  
214, 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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