

Converting Colors

XYZ(62.3635, 71.2539, 31.5856)

Have a look what the booklet for
XYZ(62.3635, 71.2539, 31.5856)
contains.

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Color

**XYZ(62.3635, 71.2539,
31.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E082
RGB	227, 224, 130
RGB Percent	89%, 88%, 51%
CMY	0.1098, 0.1215, 0.4902
CMYK	0.00, 0.01, 0.43, 0.11
HSL	58°, 63%, 70%
HSV	58°, 43%, 89%
XYZ	62.3635, 71.2539, 31.5856
YIQ	214.1810, 31.9620, -28.5980

Conversions

Conversions Part 2

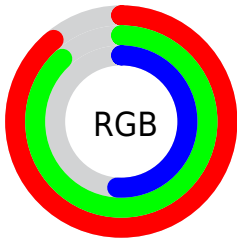
Format	Color
RYB	133, 227, 130
Decimal	14934146
CIELab	87.61, -12.11, 46.24
CIELCh	88, 47.799, 104.676
Yxy	71.2539, 0.3775, 0.4313
Android (android.graphics.Color)	4293124226 (0xFFE3E082)
YUV	214.1810, -41.5012, 11.2423
Hunter-Lab	84.4120, -15.8455, 36.9031

Details

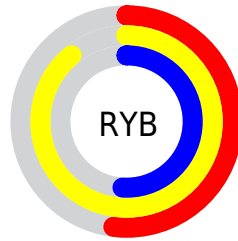
The XYZ color **62.3635, 71.2539, 31.5856** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.4586, 27.0663, 76.2393**, and the grayscale version is **64.2957, 67.6440, 73.6644**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **32.1407, 37.4720, 12.7466** is the 20% darker color. If you saturate the color by 10%, you get **60.8177, 70.3374, 24.3646**, and if you desaturate by 10%, it is **64.2497, 72.3129, 40.5799**.

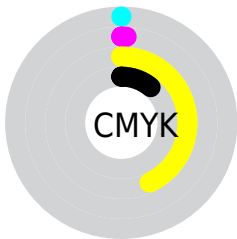
Distribution



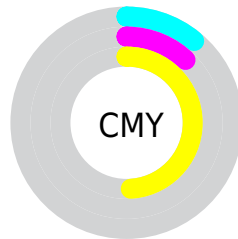
- Red (89%)
- Green (88%)
- Blue (51%)



- Red (52%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (43%)
- Black (11%)




- Cyan (11%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3635, 71.2539, 31.5856 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 62.3635, 71.2539, 31.5856 by changing the saturation by 10% instead.


 62.3635, 71.2539,
31.5856

 62.3635, 71.2539,
31.5856


422.9522,
464.9405, 323.6615

 45.5832, 52.5494,
20.7830


 107.3377,
120.9952, 63.2512

 32.1203, 37.4432,
12.7758


 136.2623,
152.8008, 84.9513

 21.6094, 25.5508,
7.1454


 169.9657,
189.7422, 111.1209

 13.6851, 16.4879,
3.4734

208.8133,
232.2038, 142.1787

 7.9822, 9.8701,
1.3411

253.1703,
280.5701, 178.5431

 4.1353, 5.3129,
0.0951

303.4023,

 1.7790, 2.4320,

335.2254, 220.6326

0.0000

359.8745,
396.5540, 268.8660

■ 0.5049, 0.8423,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3635, 71.2539,
31.5856

■ 62.3635, 71.2539,
31.5856

■ 60.8177, 70.3374,
24.3646

■ 64.2497, 72.3129,
40.5799

■ 59.5846, 69.5447,
18.7949


■ 66.4915, 73.5128,
51.4501


■ 58.6411, 68.8691,
14.7458


■ 69.1092, 74.8643,
64.2961


■ 57.9582, 68.2990,
12.0654


■ 72.1202, 76.3744,
79.2095


 57.5012, 67.8204,
10.5702


 75.5409, 78.0496,
96.2763

 57.2699, 67.5137,
10.0130

 77.5298, 79.1533,
105.7996

 77.7232, 79.5401,
105.8641

 77.9173, 79.9285,
105.9288

 78.1123, 80.3184,
105.9938

Harmonies

Analogous

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



73.6359, 71.2539, 31.6860



62.3635, 71.2539, 31.5856



53.5570, 71.2539, 41.1890

Triad

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



62.3635, 71.2539, 31.5856



53.4082, 71.2539, 130.1256



90.9369, 71.2539, 95.2342

Complementary

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



62.3635, 71.2539, 31.5856



31.4586, 27.0663, 76.2393

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.



84.1935, 71.2539, 130.8310



62.3635, 71.2539, 31.5856



62.1386, 71.2539, 154.4818

Square

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



62.3635, 71.2539, 31.5856



48.7911, 71.2539, 94.4552



73.3847, 71.2539, 154.7710



91.0145, 71.2539, 62.8508

Rectangle

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



62.3635, 71.2539, 31.5856



49.9088, 71.2539, 53.8767



73.3847, 71.2539, 154.7710



89.3439, 71.2539, 107.3881

Sweetspot

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



62.3652, 71.2572, 31.5871



89.8391, 97.3948, 83.0659



43.9115, 33.9969, 26.5236



19.0588, 20.7594, 16.9400



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.



62.3652, 71.2572, 31.5871



79.4312, 91.7248, 32.9035



50.7273, 66.4627, 31.2751



15.5615, 16.7368, 15.3148



33.4167, 39.4076, 5.8452



2.4814, 2.9362, 0.4360

Inverse Universe

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



31.4586, 27.0663, 76.2393



34.3457, 27.2673, 98.0606



39.5876, 30.6571, 76.5039



13.6183, 13.9581, 18.1207



8.1460, 3.3541, 42.6012



0.6146, 0.2732, 3.1523

Previews

White Background



This preview shows how the XYZ color 62.3635, 71.2539, 31.5856 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 62.3635, 71.2539, 31.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

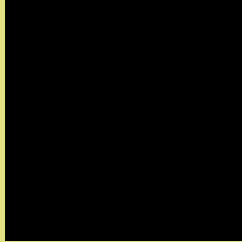
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3635, 71.2539, 31.5856

Background



This preview shows how black text looks on a background with the XYZ color 62.3635, 71.2539, 31.5856.



This preview shows how white text looks on a background with the XYZ color 62.3635, 71.2539,

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

62.3635, 71.2539, 31.5856

Protanopia

65.4247, 71.2702, 30.7303

Deuteranopia

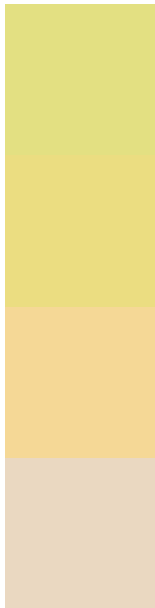
71.2165, 70.9202, 43.6537



Tritanopia

72.9462, 70.9213, 83.9732

Trichromacy



Original Color

62.3635, 71.2539, 31.5856

Protanomaly

64.0798, 70.9600, 31.0882

Deuteranomaly

67.7171, 70.7262, 38.9366

Tritanomaly

68.1132, 70.4544, 60.4612

Monochromacy



Original Color

62.3635, 71.2539, 31.5856

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.8321, 68.6218, 54.7335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3635, 71.2539, 31.5856 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(227, 224, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 224, 130)  
}
```

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(227, 224, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 224, 130) }
```

Border

The CSS property to change the border of an element to XYZ 62.3635, 71.2539, 31.5856 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(227, 224, 130) }
```


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

```
.border{ border-color:rgb(227, 224, 130) }
```

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

Here you see how a box with a 4 pixel rgb(227, 224, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 224, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 224, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 224,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3635, 71.2539, 31.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 224, 130) }
```

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

```
.background{ background-color: rgb(227,  
224, 130) }
```

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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