

Converting Colors

XYZ(62.8958, 71.3547, 39.3082)

Have a look what the booklet for
XYZ(62.8958, 71.3547, 39.3082)
contains.

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Color

**XYZ(62.9011, 71.3606,
39.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E096
RGB	224, 224, 150
RGB Percent	88%, 88%, 59%
CMY	0.1216, 0.1215, 0.4118
CMYK	0.00, 0.00, 0.33, 0.12
HSL	60°, 54%, 73%
HSV	60°, 33%, 88%
XYZ	62.9011, 71.3606, 39.3129
YIQ	215.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

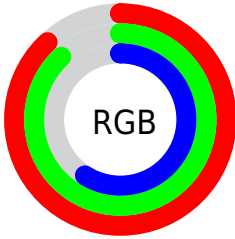
Format	Color
RYB	150, 224, 150
Decimal	14737558
CIELab	87.66, -11.09, 36.31
CIELCh	88, 37.964, 106.981
Yxy	71.3606, 0.3624, 0.4111
Android (android.graphics.Color)	4292927638 (0xFFE0E096)
YUV	215.5640, -32.3231, 7.3984
Hunter-Lab	84.4752, -14.9187, 31.5404

Details

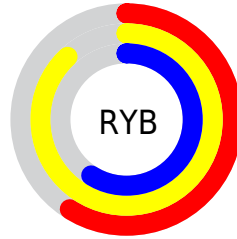
The XYZ color **62.9011, 71.3606, 39.3129** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9412, 33.6804, 75.0791**, and the grayscale version is **65.1767, 68.5709, 74.6737**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **32.5410, 37.5826, 17.0943** is the 20% darker color. If you saturate the color by 10%, you get **61.2672, 70.7095, 30.7041**, and if you desaturate by 10%, it is **64.8834, 72.1561, 49.7407**.

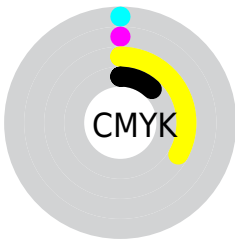
Distribution



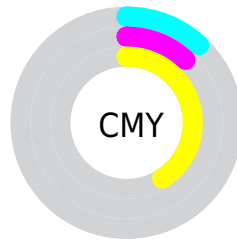
- Red (88%)
- Green (88%)
- Blue (59%)



- Red (59%)
- Yellow (88%)
- Blue (59%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9011, 71.3606, 39.3129 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 62.9011, 71.3606, 39.3129 by changing the saturation by 10% instead.

■ 62.9011, 71.3606,
39.3129

■ 62.9011, 71.3606,
39.3129

424.8758,
465.3130, 358.6846

■ 46.0196, 52.6365,
26.6935

■ 108.1094,
121.1470, 75.3417

■ 32.4659, 37.5127,
17.1128

■ 137.1669,
152.9782, 99.5882

■ 21.8749, 25.6047,
10.1521

171.0138,
189.9472, 128.5475

■ 13.8811, 16.5281,
5.3930

210.0153,
232.4383, 162.6381

■ 8.1192, 9.8986,
2.4169

254.5370,
280.8361, 202.2785

■ 4.2237, 5.3318,
0.7956

304.9440,

■ 1.8295, 2.4432,

335.5249, 247.8874

0.0000

361.6019,
396.8891, 299.8833

■ 0.5353, 0.8480,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9011, 71.3606,
39.3129

■ 62.9011, 71.3606,
39.3129

■ 61.2672, 70.7095,
30.7041

■ 64.8834, 72.1561,
49.7407

■ 59.9567, 70.1852,
23.8059


■ 67.2269, 73.0936,
62.0786


■ 58.9497, 69.7823,
18.5057


■ 69.9503, 74.1830,
76.4169


■ 58.2217, 69.4911,
14.6751


■ 73.0694, 75.4307,
92.8389


 57.7447, 69.3002,
12.1665


 75.4505, 76.3832,
105.3745

 57.4849, 69.1962,
10.8011

 75.4510, 76.3835,
105.3745

 57.3940, 69.1598,
10.3242

 75.4516, 76.3837,
105.3746

 75.4521, 76.3840,
105.3746

 75.4527, 76.3843,
105.3746

Harmonies

Analogous

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



71.7960, 71.3606, 38.7531



62.9011, 71.3606, 39.3129



55.9546, 71.3606, 48.5776

Triad

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



62.9011, 71.3606, 39.3129



56.7013, 71.3606, 119.8141



86.1037, 71.3606, 89.3964

Complementary

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



62.9011, 71.3606, 39.3129



36.9412, 33.6804, 75.0791

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.



81.2681, 71.3606, 116.6127



62.9011, 71.3606, 39.3129



64.0053, 71.3606, 136.6141

Square

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



62.9011, 71.3606, 39.3129



52.5981, 71.3606, 93.0759



73.0017, 71.3606, 135.3277



85.7415, 71.3606, 64.1174

Rectangle

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



62.9011, 71.3606, 39.3129



53.1257, 71.3606, 59.9011



73.0017, 71.3606, 135.3277



85.0153, 71.3606, 98.7146

Sweetspot

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



62.9029, 71.3638, 39.3144



91.2120, 98.4647, 88.6935



47.1542, 39.8637, 34.0643



19.4168, 21.0330, 18.4241



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.



62.9029, 71.3638, 39.3144



82.7468, 95.0784, 44.1277



52.6570, 66.0819, 38.8349



14.8717, 16.0295, 14.6170



33.4055, 40.2537, 6.0091



2.3155, 2.7902, 0.4165

Inverse Universe

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



36.9412, 33.6804, 75.0791



42.5796, 36.7756, 99.4619



44.8566, 37.7609, 75.4496



12.9522, 13.2434, 17.2613



7.8317, 3.1327, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 62.9011, 71.3606, 39.3129 looks on a white background.

Color Contrast Check

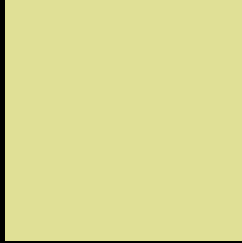
Large Text (above 18pt) WCAG AA × Fail

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 62.9011, 71.3606, 39.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

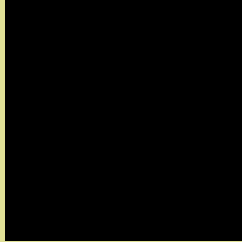
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

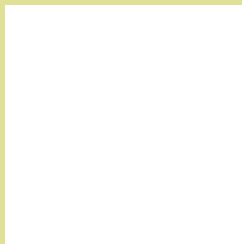
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9011, 71.3606, 39.3129

Background



This preview shows how black text looks on a background with the XYZ color 62.9011, 71.3606, 39.3129.



This preview shows how white text looks on a background with the XYZ color 62.9011, 71.3606,

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

62.9011, 71.3606, 39.3129

Protanopia

66.1984, 71.5017, 38.3291

Deuteranopia

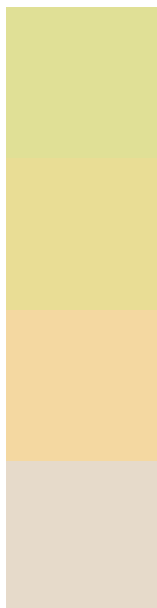
71.7585, 71.1370, 46.5079



Tritanopia

72.4021, 71.3551, 85.5582

Trichromacy



Original Color

62.9011, 71.3606, 39.3129

Protanomaly

64.8855, 71.2065, 38.7582

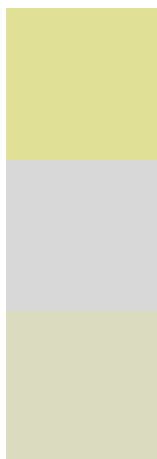
Deuteranomaly

68.2971, 70.9180, 43.8071

Tritanomaly

68.3652, 71.2301, 66.0227

Monochromacy



Original Color

62.9011, 71.3606, 39.3129

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.0594, 69.5289, 59.9133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9011, 71.3606, 39.3129 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, 224, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 150)  
}
```

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, 224, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 150) }
```

Border

The CSS property to change the border of an element to XYZ 62.9011, 71.3606, 39.3129 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, 224, 150) }
```


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

```
.border{ border-color:rgb(224, 224, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9011, 71.3606, 39.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 150) }
```

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

```
.background{ background-color: rgb(224,  
224, 150) }
```

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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