

Converting Colors

XYZ(61.2006, 71.5076, 37.5298)

Have a look what the booklet for
XYZ(61.2006, 71.5076, 37.5298)
contains.

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Color

**XYZ(60.9225, 71.1888,
37.3179)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9E291 |
| RGB | 217, 226, 145 |
| RGB Percent | 85%, 89%, 57% |
| CMY | 0.1490, 0.1137, 0.4314 |
| CMYK | 0.04, 0.00, 0.36, 0.11 |
| HSL | 67°, 58%, 73% |
| HSV | 67°, 36%, 89% |
| XYZ | 60.9225, 71.1888, 37.3179 |
| YIQ | 214.0750, 20.6370, -27.0990 |

Conversions

Conversions Part 2

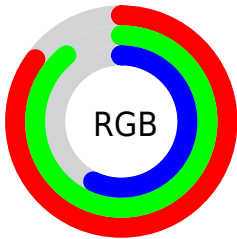
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 145, 226, 154 |
| Decimal | 14279313 |
| CIELab | 87.58, -15.35, 38.62 |
| CIELCh | 88, 41.554, 111.673 |
| Yxy | 71.1888, 0.3596, 0.4202 |
| Android (android.graphics.Color) | 4292469393 (0xFFD9E291) |
| YUV | 214.0750, -34.0540, 2.5652 |
| Hunter-Lab | 84.3735, -18.7663, 32.8378 |

Details

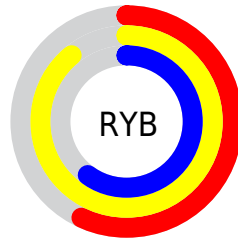
The XYZ color **60.9225, 71.1888, 37.3179** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **37.1820, 32.6136, 76.2910**, and the grayscale version is **64.1809, 67.5233, 73.5329**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **31.2366, 37.4932, 15.9465** is the 20% darker color. If you saturate the color by 10%, you get **58.6098, 70.1806, 29.0003**, and if you desaturate by 10%, it is **63.5968, 72.3480, 47.4648**.

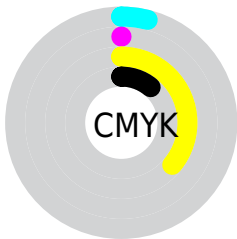
Distribution



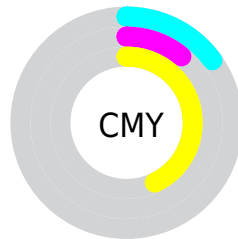
- Red (85%)
- Green (89%)
- Blue (57%)



- Red (57%)
- Yellow (89%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)




- Cyan (15%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9225, 71.1888, 37.3179 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 60.9225, 71.1888, 37.3179 by changing the saturation by 10% instead.


 60.9225, 71.1888,
37.3179


 60.9225, 71.1888,
37.3179


417.7702,
464.7132, 349.8949

 44.4149, 52.4963,
25.1560


 105.2655,
120.9025, 72.2532

 31.1961, 37.4008,
15.9732


 133.8316,
152.6925, 95.8637

 20.9008, 25.5180,
9.3511


167.1479,
189.6171, 124.1276

 13.1636, 16.4634,
4.8709

205.5798,
232.0607, 157.4632

 7.6191, 9.8526,
2.1143

249.4926,
280.4077, 196.2892

 3.9019, 5.3014,
0.6243

299.2517,

 1.6468, 2.4251,

335.0426, 241.0241

0.0000

355.2225,
396.3496, 292.0865

0.4226, 0.8388,
0.0000

0.0000, 0.0000,
0.0000

60.9225, 71.1888,
37.3179

60.9225, 71.1888,
37.3179

58.6098, 70.1806,
29.0003

63.5968, 72.3480,
47.4648

56.6327, 69.3054,
22.3986

66.6465, 73.6561,
59.5363

54.9701, 68.5574,
17.3940

70.0908, 75.1234,
73.6266

53.5960, 67.9260,
13.8506

73.9464, 76.7566,
89.8223

■ 52.4805, 67.3994,
11.6098

■ 77.7411, 78.3667,
105.6366

■ 51.5861, 66.9625,
10.4761

■ 78.5513, 78.7844,
105.6745

■ 51.2529, 66.7967,
10.1917

■ 79.3732, 79.2081,
105.7130

■ 80.2068, 79.6378,
105.7520

■ 81.0521, 80.0736,
105.7916

Harmonies

Analogous

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



70.4362, 71.1888, 35.3542



60.9225, 71.1888, 37.3179



53.8971, 71.1888, 48.5657

Triad

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



60.9225, 71.1888, 37.3179



56.6093, 71.1888, 128.1803



88.1316, 71.1888, 85.6162

Complementary

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



60.9225, 71.1888, 37.3179



37.1820, 32.6136, 76.2910

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.



83.5929, 71.1888, 116.1440



60.9225, 71.1888, 37.3179



64.9632, 71.1888, 144.3242

Square

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



60.9225, 71.1888, 37.3179



51.5799, 71.1888, 99.2617



74.8828, 71.1888, 139.4544



86.7832, 71.1888, 59.1977

Rectangle

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



60.9225, 71.1888, 37.3179



51.2657, 71.1888, 61.7125



74.8828, 71.1888, 139.4544



87.2293, 71.1888, 95.8023

Sweetspot

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



60.9243, 71.1920, 37.3194



89.7202, 97.7366, 86.7732



47.8849, 41.0302, 32.1848



19.0730, 20.8639, 18.0392



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.



60.9243, 71.1920, 37.3194



77.7944, 92.5960, 40.7024



50.5325, 65.8348, 36.8331



14.7138, 15.9482, 14.6096



29.3012, 38.1378, 5.8170



2.0744, 2.6659, 0.4052

Inverse Universe

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



37.1820, 32.6136, 76.2910



42.2393, 34.8005, 99.0987



46.0007, 37.1599, 76.7037



13.0928, 13.3159, 17.2678



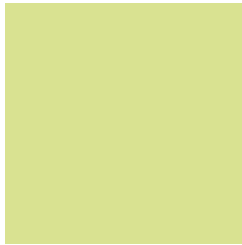
8.1112, 3.2768, 41.2533



0.6103, 0.2519, 2.8617

Previews

White Background



This preview shows how the XYZ color 60.9225, 71.1888, 37.3179 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 60.9225, 71.1888, 37.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

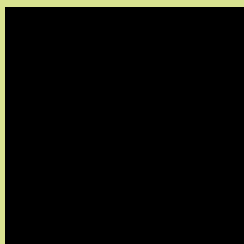
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

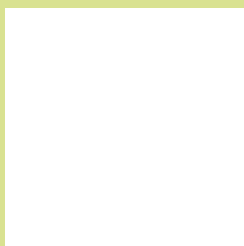
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9225, 71.1888, 37.3179

Background



This preview shows how black text looks on a background with the XYZ color 60.9225, 71.1888, 37.3179.

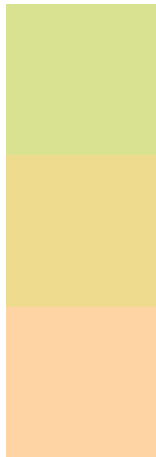


This preview shows how white text looks on a background with the XYZ color 60.9225, 71.1888,

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



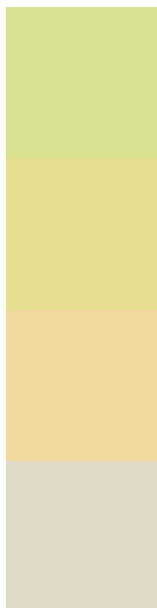
| |
|---------------------------|
| Original Color |
| 60.9225, 71.1888, 37.3179 |
| Protanopia |
| 65.4739, 70.7932, 35.8048 |
| Deuteranopia |
| 71.5750, 71.0636, 45.5415 |



Tritanopia

70.8608, 70.9211, 86.2983

Trichromacy



Original Color

60.9225, 71.1888, 37.3179

Protanomaly

63.7123, 71.0487, 36.3424

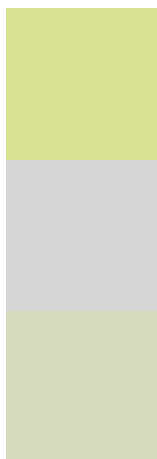
Deuteranomaly

67.2600, 70.7951, 42.4676

Tritanomaly

66.4973, 70.6805, 64.7815

Monochromacy



Original Color

60.9225, 71.1888, 37.3179

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2810, 68.2640, 58.0378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9225, 71.1888, 37.3179 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(217, 226, 145)` looks like.

```
.text, #text, p{  
    color:rgb(217, 226, 145)  
}
```

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(217, 226, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 226, 145) }
```

Border

The CSS property to change the border of an element to XYZ 60.9225, 71.1888, 37.3179 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(217, 226, 145) }
```


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

```
.border{ border-color:rgb(217, 226, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 226, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 226, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 226, 145);  
box-shadow:4px 4px 4px 4px rgb(217, 226,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9225, 71.1888, 37.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 226, 145) }
```

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

```
.background{ background-color: rgb(217,  
226, 145) }
```

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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