

Converting Colors

XYZ(60.7864, 73.1085, 37.7423)

Have a look what the booklet for
XYZ(60.7864, 73.1085, 37.7423)
contains.

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Color

**XYZ(60.8381, 73.1932,
37.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E791
RGB	212, 231, 145
RGB Percent	83%, 91%, 57%
CMY	0.1686, 0.0941, 0.4314
CMYK	0.08, 0.00, 0.37, 0.09
HSL	73°, 64%, 74%
HSV	73°, 37%, 91%
XYZ	60.8381, 73.1932, 37.7093
YIQ	215.5150, 16.2820, -30.7740

Conversions

Conversions Part 2

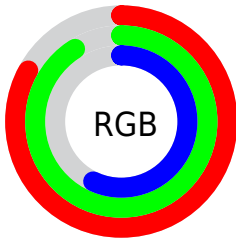
Format	Color
RYB	145, 231, 164
Decimal	13952913
CIELab	88.54, -19.70, 39.79
CIELCh	89, 44.398, 116.336
Yxy	73.1932, 0.3542, 0.4262
Android (android.graphics.Color)	4292142993 (0xFFD4E791)
YUV	215.5150, -34.7639, -3.0827
Hunter-Lab	85.5530, -22.7836, 33.7538

Details

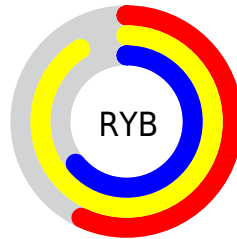
The XYZ color **60.8381, 73.1932, 37.7093** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.8620, 33.9148, 80.0508**, and the grayscale version is **65.1630, 68.5566, 74.6581**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **31.0161, 38.5182, 16.1560** is the 20% darker color. If you saturate the color by 10%, you get **57.7871, 71.8080, 29.1952**, and if you desaturate by 10%, it is **64.3015, 74.7538, 48.1361**.

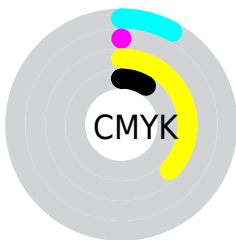
Distribution



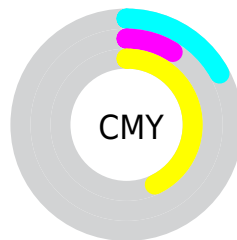
- Red (83%)
- Green (91%)
- Blue (57%)



- Red (57%)
- Yellow (91%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)





- Cyan (17%)
- Magenta (9%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8381, 73.1932, 37.7093 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 60.8381, 73.1932, 37.7093 by changing the saturation by 10% instead.


 60.8381, 73.1932,
37.7093

 60.8381, 73.1932,
37.7093


417.4655,
471.6841, 351.6320

 44.3466, 54.1340,
25.4571


 105.1439,
123.7514, 72.8608

 31.1421, 38.7088,
16.1958


 133.6889,
156.0192, 96.5972

 20.8595, 26.5332,
9.5070


166.9825,
193.4587, 124.9987

 13.1332, 17.2230,
4.9720

205.3899,
236.4541, 158.4839

 7.5980, 10.3936,
2.1724

249.2765,
285.3900, 197.4712

 3.8884, 5.6607,
0.6584

299.0078,

 1.6392, 2.6399,

340.6507, 242.3794

0.0000

354.9490,
402.6206, 293.6268

0.4178, 0.9468,
0.0000

0.0000, 0.0000,
0.0000

60.8381, 73.1932,
37.7093

60.8381, 73.1932,
37.7093

57.7871, 71.8080,
29.1952

64.3015, 74.7538,
48.1361

55.1205, 70.5794,
22.4727

68.1925, 76.4883,
60.5775

52.8152, 69.5005,
17.4144

72.5320, 78.4077,
75.1337

50.8430, 68.5601,
13.8739

77.3380, 80.5193,
91.8969

■ 49.1709, 67.7449,
11.6796

■ 81.7280, 82.4700,
106.2185

■ 47.7556, 67.0376,
10.6063

■ 83.4620, 83.3639,
106.2997

■ 47.3897, 66.8530,
10.4062

■ 85.2449, 84.2830,
106.3831

■ 87.0771, 85.2276,
106.4688

■ 87.8675, 85.6350,
106.5058

Harmonies

Analogous

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



70.8902, 73.1932, 34.1864



60.8381, 73.1932, 37.7093



53.8180, 73.1932, 51.3044

Triad

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



60.8381, 73.1932, 37.7093



58.7804, 73.1932, 139.4475



92.1735, 73.1932, 83.5177

Complementary

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



60.8381, 73.1932, 37.7093



39.8620, 33.9148, 80.0508

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.



88.1250, 73.1932, 117.0004



60.8381, 73.1932, 37.7093



68.2622, 73.1932, 154.0984

Square

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



60.8381, 73.1932, 37.7093



52.7182, 73.1932, 108.7811



79.0953, 73.1932, 144.9837



89.6724, 73.1932, 56.3191

Rectangle

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



60.8381, 73.1932, 37.7093



51.4384, 73.1932, 66.5770



79.0953, 73.1932, 144.9837



91.5237, 73.1932, 94.4319

Sweetspot

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



60.8399, 73.1965, 37.7109



88.6144, 97.1665, 86.7214



51.2784, 45.4553, 32.8602



18.8079, 20.7272, 18.0268



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.



60.8399, 73.1965, 37.7109



73.0303, 90.1846, 38.4660



50.1303, 67.6754, 37.2097



15.2737, 16.6481, 15.3129



26.6765, 37.5337, 5.8387



2.0484, 2.8134, 0.4351

Inverse Universe

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



39.8620, 33.9148, 80.0508



43.1086, 34.1140, 98.9203



50.1815, 39.2348, 80.5337



13.8792, 14.0399, 18.1228



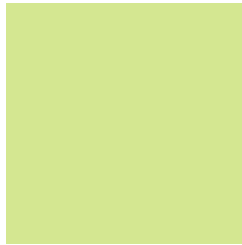
8.9399, 3.6746, 42.6213



0.7392, 0.3120, 3.1532

Previews

White Background



This preview shows how the XYZ color 60.8381, 73.1932, 37.7093 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 60.8381, 73.1932, 37.7093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

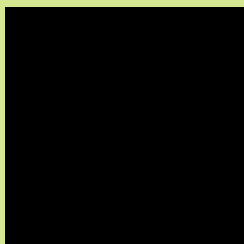
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8381, 73.1932, 37.7093

Background



This preview shows how black text looks on a background with the XYZ color 60.8381, 73.1932, 37.7093.



This preview shows how white text looks on a background with the XYZ color 60.8381, 73.1932,

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

60.8381, 73.1932, 37.7093

Protanopia

67.5469, 73.0429, 35.7379

Deuteranopia

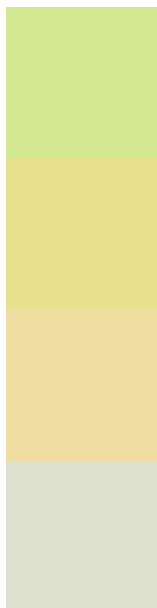
72.9868, 72.8394, 49.2423



Tritanopia

71.6197, 73.1481, 90.4650

Trichromacy



Original Color

60.8381, 73.1932, 37.7093

Protanomaly

64.7627, 72.7923, 36.2282

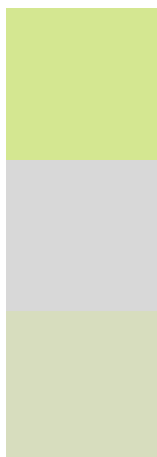
Deuteranomaly

67.9746, 72.6723, 44.6269

Tritanomaly

67.0699, 72.8866, 67.6603

Monochromacy



Original Color

60.8381, 73.1932, 37.7093

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.1750, 69.8777, 58.8733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8381, 73.1932, 37.7093 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(212, 231, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 231, 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(212, 231, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 231, 145) }
```

Border

The CSS property to change the border of an element to XYZ 60.8381, 73.1932, 37.7093 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(212, 231, 145) }
```


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

```
.border{ border-color:rgb(212, 231, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 231, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 231, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 231, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 231,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8381, 73.1932, 37.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 231, 145) }
```

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

```
.background{ background-color: rgb(212,  
231, 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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