

Converting Colors

XYZ(61.1910, 73.8976, 33.9208)

Have a look what the booklet for
XYZ(61.1910, 73.8976, 33.9208)
contains.

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Color

**XYZ(61.2541, 73.9096,
33.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E887
RGB	215, 232, 135
RGB Percent	84%, 91%, 53%
CMY	0.1569, 0.0902, 0.4706
CMYK	0.07, 0.00, 0.42, 0.09
HSL	71°, 68%, 72%
HSV	71°, 42%, 91%
XYZ	61.2541, 73.9096, 33.9592
YIQ	215.8590, 21.0050, -33.7710

Conversions

Conversions Part 2

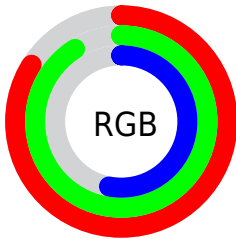
Format	Color
RYB	135, 232, 152
Decimal	14149767
CIELab	88.88, -20.18, 45.20
CIELCh	89, 49.497, 114.063
Yxy	73.9096, 0.3622, 0.4370
Android (android.graphics.Color)	4292339847 (0xFFD7E887)
YUV	215.8590, -39.8635, -0.7533
Hunter-Lab	85.9707, -23.2675, 36.7594

Details

The XYZ color **61.2541, 73.9096, 33.9592** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.1812, 29.8315, 80.1994**, and the grayscale version is **65.4287, 68.8361, 74.9625**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **31.3847, 39.0461, 14.0661** is the 20% darker color. If you saturate the color by 10%, you get **58.6165, 72.7209, 26.2186**, and if you desaturate by 10%, it is **64.2810, 75.2627, 43.5788**.

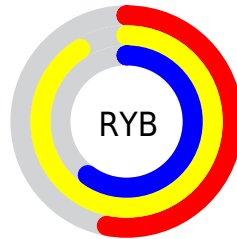
Distribution



Red (84%)

Green (91%)

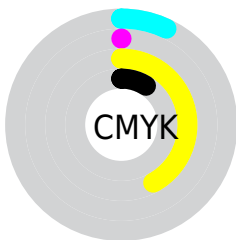
Blue (53%)



Red (53%)

Yellow (91%)

Blue (60%)

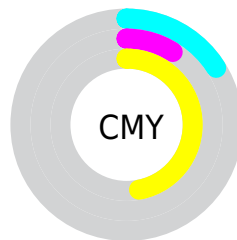


Cyan (7%)

Magenta (0%)

Yellow (42%)

Black (9%)



Cyan (16%)

Magenta (9%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2541, 73.9096, 33.9592 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 61.2541, 73.9096, 33.9592 by changing the saturation by 10% instead.

61.2541, 73.9096,
33.9592

61.2541, 73.9096,
33.9592

418.9661,
474.1613, 334.7137

44.6836, 54.7201,
22.5851

105.7428,
124.7677, 67.0034

31.4085, 39.1776,
14.0851

134.3917,
157.2049, 89.5106

21.0634, 26.8979,
8.0404

167.7974,
194.8269, 116.5660

13.2831, 17.4966,
4.0327

206.3254,
238.0180, 148.5880

7.7021, 10.5892,
1.6433

250.3408,
287.1626, 185.9952

3.9551, 5.7913,
0.3214

300.2092,

1.6768, 2.7186,

342.6451, 229.2062

0.0000

356.2958,
404.8499, 278.6395

0.4417, 0.9867,
0.0000

0.0000, 0.0000,
0.0000

61.2541, 73.9096,
33.9592

61.2541, 73.9096,
33.9592

58.6165, 72.7209,
26.2186

64.2810, 75.2627,
43.5788

56.3392, 71.6771,
20.2294


67.7132, 76.7787,
55.1846


54.3976, 70.7710,
15.8552


71.5723, 78.4690,
68.8814

52.7615, 69.9904,
12.9380

75.8768, 80.3409,
84.7652

 51.3945, 69.3208,
11.2876


 80.6440, 82.4015,
102.9261

 50.4277, 68.8360,
10.6289

 82.6415, 83.3577,
106.3417

 84.0334, 84.0752,
106.4068

 85.4564, 84.8088,
106.4734

 86.9107, 85.5585,
106.5415

Harmonies

Analogous

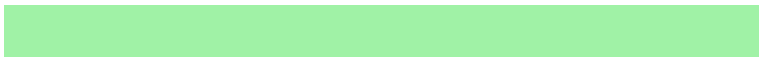
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6625, 73.9096, 31.0169



61.2541, 73.9096, 33.9592



53.1735, 73.9096, 47.5880

Triad

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



61.2541, 73.9096, 33.9592



57.5582, 73.9096, 146.7148



95.7897, 73.9096, 87.5052

Complementary

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



61.2541, 73.9096, 33.9592



36.1812, 29.8315, 80.1994

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.



90.6366, 73.9096, 125.8228



61.2541, 73.9096, 33.9592



67.8892, 73.9096, 165.7232

Square

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



61.2541, 73.9096, 33.9592



51.2158, 73.9096, 110.5396



80.0837, 73.9096, 157.1532



93.4946, 73.9096, 56.4251

Rectangle

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



61.2541, 73.9096, 33.9592



50.3152, 73.9096, 63.6597



80.0837, 73.9096, 157.1532



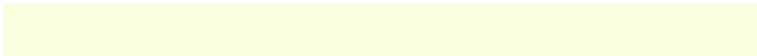
94.8544, 73.9096, 100.0177

Sweetspot

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



61.2559, 73.9129, 33.9608



88.0588, 96.9603, 83.0759



48.7480, 41.0941, 28.2853



18.6144, 20.6513, 16.9425



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.



61.2559, 73.9129, 33.9608



73.1127, 90.3297, 33.8319



49.2393, 67.7181, 33.3984



15.3407, 16.6827, 15.3160



28.0897, 38.2623, 5.9049



2.1411, 2.8611, 0.4394

Inverse Universe

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



36.1812, 29.8315, 80.1994



38.2547, 28.9983, 98.1887



46.9624, 35.3894, 80.7039



13.8172, 14.0080, 18.1199



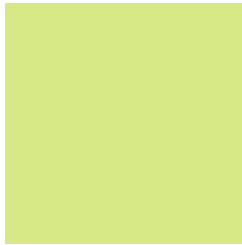
8.6601, 3.5304, 42.6082



0.7095, 0.2967, 3.1518

Previews

White Background



This preview shows how the XYZ color 61.2541, 73.9096, 33.9592 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 61.2541, 73.9096, 33.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

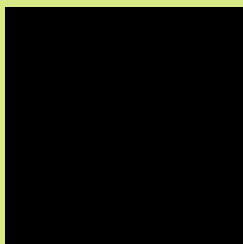
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2541, 73.9096, 33.9592

Background



This preview shows how black text looks on a background with the XYZ color 61.2541, 73.9096, 33.9592.

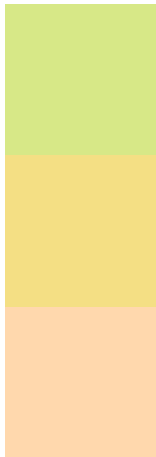


This preview shows how white text looks on a background with the XYZ color 61.2541, 73.9096,

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

61.2541, 73.9096, 33.9592

Protanopia

67.8608, 73.6744, 32.4737

Deuteranopia

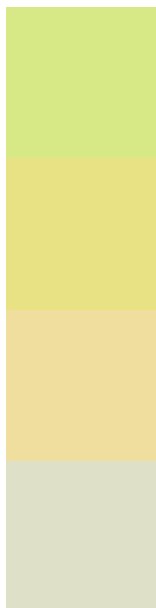
73.3387, 73.3889, 49.8353



Tritanopia

72.5578, 73.6317, 90.5089

Trichromacy



Original Color

61.2541, 73.9096, 33.9592

Protanomaly

65.0343, 73.4098, 32.9321

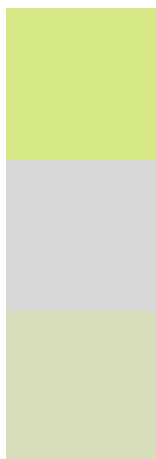
Deuteranomaly

68.3145, 73.2710, 43.3431

Tritanomaly

67.5124, 73.1694, 65.2084

Monochromacy



Original Color

61.2541, 73.9096, 33.9592

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.4098, 70.4293, 57.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2541, 73.9096, 33.9592 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(215, 232, 135)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 135)  
}
```

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(215, 232, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 135) }
```

Border

The CSS property to change the border of an element to XYZ 61.2541, 73.9096, 33.9592 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(215, 232, 135) }
```


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

```
.border{ border-color:rgb(215, 232, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 232, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 135);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2541, 73.9096, 33.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 135) }
```

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

```
.background{ background-color: rgb(215,  
232, 135) }
```

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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