

Converting Colors

XYZ(59.0730, 68.3396, 32.6316)

Have a look what the booklet for
XYZ(59.0730, 68.3396, 32.6316)
contains.

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Color

**XYZ(59.0730, 68.3396,
32.6316)**

Conversions

Conversions Part 1

Format	Color
Hex	DADD86
RGB	218, 221, 134
RGB Percent	85%, 87%, 53%
CMY	0.1451, 0.1333, 0.4745
CMYK	0.01, 0.00, 0.39, 0.13
HSL	62°, 56%, 70%
HSV	62°, 39%, 87%
XYZ	59.0730, 68.3396, 32.6316
YIQ	210.1850, 26.1390, -27.6930

Conversions

Conversions Part 2

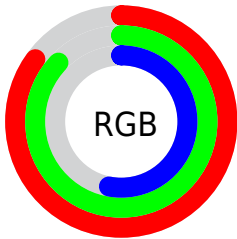
Format	Color
RYB	134, 221, 137
Decimal	14343558
CIELab	86.18, -13.72, 42.32
CIELCh	86, 44.491, 107.956
Yxy	68.3396, 0.3691, 0.4270
Android (android.graphics.Color)	4292533638 (0xFFDADD86)
YUV	210.1850, -37.5592, 6.8538
Hunter-Lab	82.6678, -17.1155, 34.4638

Details

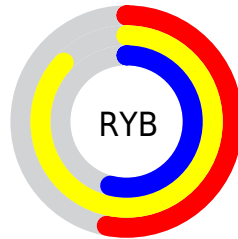
The XYZ color **59.0730, 68.3396, 32.6316** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.8952, 27.5907, 72.0551**, and the grayscale version is **61.6086, 64.8171, 70.5858**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **30.0595, 35.5630, 13.2627** is the 20% darker color. If you saturate the color by 10%, you get **57.4628, 67.6716, 25.3339**, and if you desaturate by 10%, it is **61.0098, 69.1432, 41.6286**.

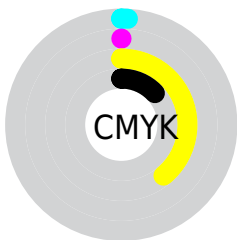
Distribution



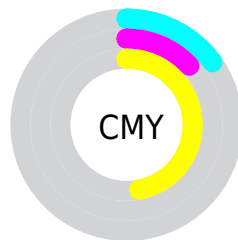
- Red (85%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0730, 68.3396, 32.6316 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 59.0730, 68.3396, 32.6316 by changing the saturation by 10% instead.

■ 59.0730, 68.3396,
32.6316

■ 59.0730, 68.3396,
32.6316

411.0621,
454.6983, 328.5674

■ 42.9185, 50.1741,
21.5756

■ 102.5978,
116.8378, 64.9093

■ 30.0154, 35.5517,
13.3500

■ 130.6987,
147.9393, 86.9681

■ 19.9984, 24.0882,
7.5365

■ 163.5126,
184.1216, 113.5315

■ 12.5021, 15.3990,
3.7163

201.4046,
225.7690, 145.0181

■ 7.1613, 9.0999,
1.4710

244.7402,
273.2660, 181.8465

■ 3.6104, 4.8064,
0.1962

293.8848,

■ 1.4842, 2.1341,

326.9970, 224.4351

0.0000

349.2036,
387.3463, 273.2026

■ 0.3150, 0.6837,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0730, 68.3396,
32.6316

■ 59.0730, 68.3396,
32.6316

■ 57.4628, 67.6716,
25.3339

■ 61.0098, 69.1432,
41.6286

■ 56.1539, 67.1219,
19.6248


■ 63.2866, 70.0805,
52.4180


■ 55.1254, 66.6844,
15.3870


■ 65.9221, 71.1614,
65.0912


■ 54.3517, 66.3490,
12.4856


■ 68.9324, 72.3923,
79.7320

 53.8025, 66.1035,
10.7607


 72.3324, 73.7792,
96.4193


 53.4279, 65.9279,
9.9496

 74.2105, 74.5575,
105.0875

 53.4062, 65.9176,
9.9086

 74.4457, 74.6788,
105.0985

 74.6820, 74.8006,
105.1095

 74.9194, 74.9229,
105.1206

Harmonies

Analogous

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



69.1496, 68.3396, 31.7706



59.0730, 68.3396, 32.6316



51.4050, 68.3396, 42.6798

Triad

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



59.0730, 68.3396, 32.6316



52.6431, 68.3396, 124.6216



86.1717, 68.3396, 86.8050

Complementary

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



59.0730, 68.3396, 32.6316



31.8952, 27.5907, 72.0551

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.



80.6980, 68.3396, 118.9126



59.0730, 68.3396, 32.6316



60.9331, 68.3396, 144.2869

Square

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



59.0730, 68.3396, 32.6316



47.9700, 68.3396, 93.1791



71.2145, 68.3396, 141.9594



85.5388, 68.3396, 58.3478

Rectangle

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



59.0730, 68.3396, 32.6316



48.3635, 68.3396, 55.1928



71.2145, 68.3396, 141.9594



84.9631, 68.3396, 97.6390

Sweetspot

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



59.0747, 68.3427, 32.6330



90.1210, 97.9836, 84.9686



43.0556, 34.9580, 27.0334



19.1846, 20.9295, 17.6808



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.



59.0747, 68.3427, 32.6330



79.8768, 93.7566, 36.8640



47.7517, 62.5055, 32.1031



14.1154, 15.2398, 13.9232



31.0434, 38.3009, 5.7567



2.0254, 2.4886, 0.3736

Inverse Universe

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



31.8952, 27.5907, 72.0551



37.4310, 30.1038, 98.4455



40.4940, 32.0235, 72.4576



12.3801, 12.6385, 16.4391



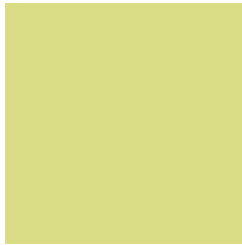
7.6566, 3.0713, 39.9277



0.5110, 0.2067, 2.5874

Previews

White Background



This preview shows how the XYZ color 59.0730, 68.3396, 32.6316 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 59.0730, 68.3396, 32.6316 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 59.0730, 68.3396, 32.6316

Background



This preview shows how black text looks on a background with the XYZ color 59.0730, 68.3396, 32.6316.

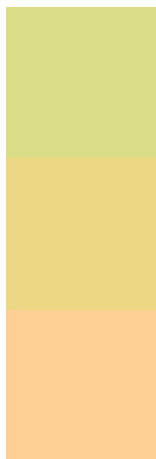


This preview shows how white text looks on a background with the XYZ color 59.0730, 68.3396,

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

59.0730, 68.3396, 32.6316

Protanopia

62.7262, 67.9290, 31.6354

Deuteranopia

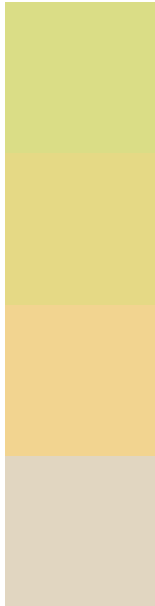
68.9776, 68.0556, 37.9343



Tritanopia

69.0872, 68.2422, 81.4823

Trichromacy



Original Color

59.0730, 68.3396, 32.6316

Protanomaly

61.3596, 67.9772, 32.0772

Deuteranomaly

65.1955, 67.9778, 36.0704

Tritanomaly

64.7235, 67.9509, 60.1566

Monochromacy



Original Color

59.0730, 68.3396, 32.6316

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.9306, 65.6167, 53.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0730, 68.3396, 32.6316 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(218, 221, 134)` looks like.

```
.text, #text, p{  
    color:rgb(218, 221, 134)  
}
```

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(218, 221, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 134) }
```

Border

The CSS property to change the border of an element to XYZ 59.0730, 68.3396, 32.6316 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(218, 221, 134) }
```


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

```
.border{ border-color:rgb(218, 221, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 221, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 221, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 221, 134);  
box-shadow:4px 4px 4px 4px rgb(218, 221,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0730, 68.3396, 32.6316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 134) }
```

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

```
.background{ background-color: rgb(218,  
221, 134) }
```

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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