

Converting Colors

XYZ(59.4192, 70.1585, 34.4763)

Have a look what the booklet for
XYZ(59.4192, 70.1585, 34.4763)
contains.

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Color

**XYZ(59.2442, 69.9815,
34.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E18A
RGB	214, 225, 138
RGB Percent	84%, 88%, 54%
CMY	0.1608, 0.1176, 0.4588
CMYK	0.05, 0.00, 0.39, 0.12
HSL	68°, 59%, 71%
HSV	68°, 39%, 88%
XYZ	59.2442, 69.9815, 34.4300
YIQ	211.7930, 21.3710, -29.3890

Conversions

Conversions Part 2

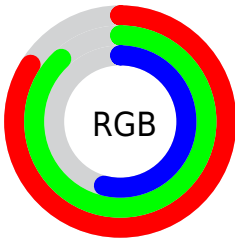
Format	Color
RYB	138, 225, 149
Decimal	14082442
CIELab	86.99, -16.80, 41.31
CIElCh	87, 44.596, 112.135
Yxy	69.9815, 0.3620, 0.4276
Android (android.graphics.Color)	4292272522 (0xFFD6E18A)
YUV	211.7930, -36.3799, 1.9355
Hunter-Lab	83.6549, -19.9830, 34.1564

Details

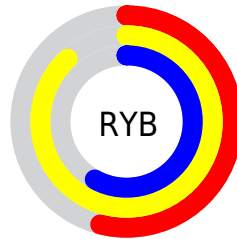
The XYZ color **59.2442, 69.9815, 34.4300** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.0761, 30.0045, 75.1809**, and the grayscale version is **62.6673, 65.9309, 71.7988**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **30.1550, 36.6904, 14.2967** is the 20% darker color. If you saturate the color by 10%, you get **56.9583, 68.9745, 26.6829**, and if you desaturate by 10%, it is **61.8856, 71.1373, 43.9580**.

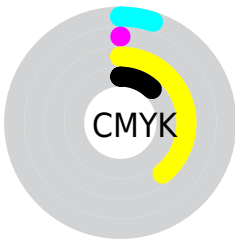
Distribution



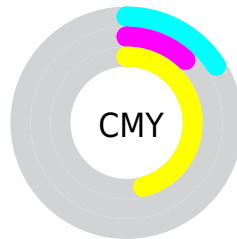
- Red (84%)
- Green (88%)
- Blue (54%)



- Red (54%)
- Yellow (88%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (39%)
- Black (12%)





- Cyan (16%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2442, 69.9815, 34.4300 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 59.2442, 69.9815, 34.4300 by changing the saturation by 10% instead.


 59.2442, 69.9815,
34.4300

 59.2442, 69.9815,
34.4300


411.6858,
460.4850, 336.8727


 43.0569, 51.5115,
22.9441


 102.8451,
119.1824, 67.7433

 30.1244, 36.6158,
14.3473


 130.9894,
150.6820, 90.4078

 20.0816, 24.9102,
8.2211


 163.8500,
187.2936, 117.6356

 12.5630, 16.0101,
4.1470

201.7923,
229.4015, 149.8452

 7.2032, 9.5313,
1.7063

245.1817,
277.3903, 187.4552

 3.6370, 5.0893,
0.3651

294.3835,

 1.4989, 2.2998,

331.6442, 230.8841

0.0000

349.7631,
392.5476, 280.5504

■ 0.3251, 0.7736,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2442, 69.9815,
34.4300

■ 59.2442, 69.9815,
34.4300

■ 56.9583, 68.9745,
26.6829

■ 61.8856, 71.1373,
43.9580

■ 55.0016, 68.0983,
20.6016


■ 64.8966, 72.4402,
55.3636


■ 53.3524, 67.3469,
16.0648


■ 68.2966, 73.9004,
68.7418


■ 51.9842, 66.7094,
12.9327


■ 72.1025, 75.5246,
84.1797

 50.8654, 66.1734,
11.0401


 76.3297, 77.3191,
101.7595


 49.9489, 65.7199,
10.1387

 77.9567, 78.0752,
105.5690

 49.8333, 65.6622,
10.0476

 78.8833, 78.5529,
105.6124

 79.8249, 79.0384,
105.6564

 80.7817, 79.5316,
105.7012

Harmonies

Analogous

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



69.2963, 69.9815, 32.3018



59.2442, 69.9815, 34.4300



51.9113, 69.9815, 46.1117

Triad

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



59.2442, 69.9815, 34.4300



54.9538, 69.9815, 131.1032



88.4151, 69.9815, 84.3271

Complementary

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



59.2442, 69.9815, 34.4300



35.0761, 30.0045, 75.1809

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.



83.6297, 69.9815, 117.1491



59.2442, 69.9815, 34.4300



63.8098, 69.9815, 148.3925

Square

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



59.2442, 69.9815, 34.4300



49.6206, 69.9815, 99.9421



74.3583, 69.9815, 142.7100



86.8660, 69.9815, 56.5481

Rectangle

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



59.2442, 69.9815, 34.4300



49.2015, 69.9815, 59.9077



74.3583, 69.9815, 142.7100



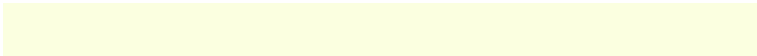
87.4779, 69.9815, 95.2022

Sweetspot

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



59.2459, 69.9846, 34.4315



89.0991, 97.4568, 84.9208



46.2546, 39.0713, 29.1493



18.9424, 20.8046, 17.6695



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.



59.2459, 69.9846, 34.4315



76.3160, 91.9000, 37.6472



48.3861, 64.3862, 33.9232



14.6922, 15.9370, 14.6086



28.7836, 37.8710, 5.7928



2.0435, 2.6499, 0.4038

Inverse Universe

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



35.0761, 30.0045, 75.1809



40.1453, 32.0384, 98.6759



44.3310, 34.7756, 75.6140



13.1124, 13.3260, 17.2688



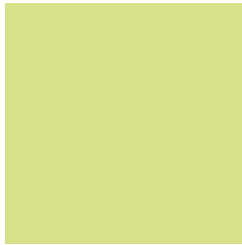
8.1681, 3.3061, 41.2560



0.6196, 0.2567, 2.8621

Previews

White Background



This preview shows how the XYZ color 59.2442, 69.9815, 34.4300 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 59.2442, 69.9815, 34.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

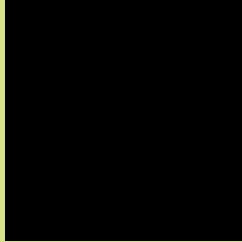
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2442, 69.9815, 34.4300

Background



This preview shows how black text looks on a background with the XYZ color 59.2442, 69.9815, 34.4300.

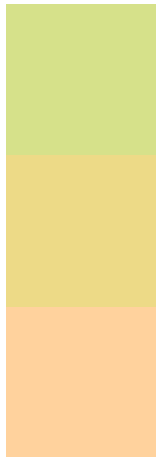


This preview shows how white text looks on a background with the XYZ color 59.2442, 69.9815,

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

59.2442, 69.9815, 34.4300

Protanopia

64.3696, 69.8966, 33.0204

Deuteranopia

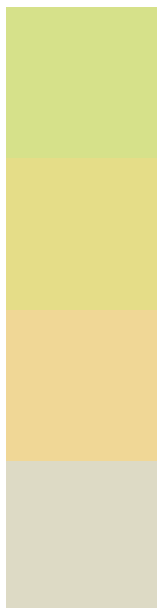
70.3724, 69.7875, 41.6596



Tritanopia

69.5217, 69.8702, 85.4234

Trichromacy



Original Color

59.2442, 69.9815, 34.4300

Protanomaly

62.6135, 70.1485, 33.5325

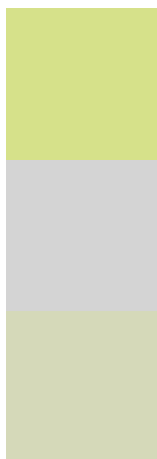
Deuteranomaly

65.7406, 69.3282, 38.7709

Tritanomaly

64.9682, 69.5462, 62.8229

Monochromacy



Original Color

59.2442, 69.9815, 34.4300

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.0104, 67.2746, 55.6687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2442, 69.9815, 34.4300 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(214, 225, 138)` looks like.

```
.text, #text, p{  
    color:rgb(214, 225, 138)  
}
```

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(214, 225, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 225, 138) }
```

Border

The CSS property to change the border of an element to XYZ 59.2442, 69.9815, 34.4300 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(214, 225, 138) }
```


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

```
.border{ border-color:rgb(214, 225, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 225, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 225, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 225, 138);  
box-shadow:4px 4px 4px 4px rgb(214, 225,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2442, 69.9815, 34.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 225, 138) }
```

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

```
.background{ background-color: rgb(214,  
225, 138) }
```

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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