

Converting Colors

XYZ(59.9221, 69.1376, 34.2314)

Have a look what the booklet for
XYZ(59.9221, 69.1376, 34.2314)
contains.

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Color

**XYZ(59.9221, 69.1376,
34.2314)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDE8A
RGB	219, 222, 138
RGB Percent	86%, 87%, 54%
CMY	0.1412, 0.1294, 0.4588
CMYK	0.01, 0.00, 0.38, 0.13
HSL	62°, 56%, 71%
HSV	62°, 38%, 87%
XYZ	59.9221, 69.1376, 34.2314
YIQ	211.5270, 25.1760, -26.7600

Conversions

Conversions Part 2

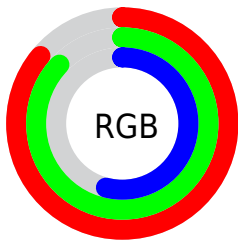
Format	Color
RYB	138, 222, 141
Decimal	14409354
CIELab	86.57, -13.39, 40.86
CIElCh	87, 42.993, 108.145
Yxy	69.1376, 0.3670, 0.4234
Android (android.graphics.Color)	4292599434 (0xFFDBDE8A)
YUV	211.5270, -36.2488, 6.5538
Hunter-Lab	83.1490, -16.8731, 33.7954

Details

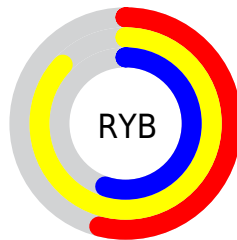
The XYZ color **59.9221, 69.1376, 34.2314** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.2604, 29.1153, 72.9781**, and the grayscale version is **62.4880, 65.7422, 71.5933**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **30.6027, 36.0958, 14.1584** is the 20% darker color. If you saturate the color by 10%, you get **58.2386, 68.4391, 26.6032**, and if you desaturate by 10%, it is **61.9387, 69.9744, 43.5928**.

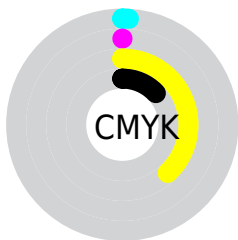
Distribution



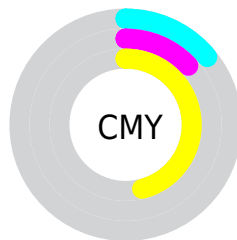
- Red (86%)
- Green (87%)
- Blue (54%)



- Red (54%)
- Yellow (87%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9221, 69.1376, 34.2314 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 59.9221, 69.1376, 34.2314 by changing the saturation by 10% instead.

■ 59.9221, 69.1376,
34.2314

■ 59.9221, 69.1376,
34.2314

414.1499,
457.5161, 335.9632

■ 43.6051, 50.8238,
22.7926

■ 103.8236,
117.9781, 67.4314

■ 30.5567, 36.0684,
14.2366

■ 132.1389,
149.2735, 90.0296

■ 20.4117, 24.4870,
8.1448

■ 165.1842,
185.6650, 117.1848

■ 12.8047, 15.6953,
4.0986

203.3250,
227.5369, 149.3154

■ 7.3702, 9.3088,
1.6796

246.9266,
275.2735, 186.8400

■ 3.7431, 4.9431,
0.3467

296.3544,

■ 1.5578, 2.2139,

329.2593, 230.1772

0.0000

351.9737,
389.8787, 279.7454

■ 0.3647, 0.7276,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9221, 69.1376,
34.2314

■ 59.9221, 69.1376,
34.2314

■ 58.2386, 68.4391,
26.6032

■ 61.9387, 69.9744,
43.5928

■ 56.8629, 67.8614,
20.5977


■ 64.3018, 70.9474,
54.7801


■ 55.7745, 67.3988,
16.0985


■ 67.0301, 72.0667,
67.8848


■ 54.9478, 67.0409,
12.9721


■ 70.1396, 73.3386,
82.9908


 54.3531, 66.7760,
11.0612


 73.6453, 74.7690,
100.1772

 53.9488, 66.5874,
10.1471

 74.8409, 75.2756,
105.1929

 53.8724, 66.5510,
10.0063

 75.0874, 75.4027,
105.2044

 75.3350, 75.5303,
105.2160

 75.5838, 75.6586,
105.2276

Harmonies

Analogous

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



69.7307, 69.1376, 33.3177



59.9221, 69.1376, 34.2314



52.4437, 69.1376, 44.2666

Triad

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



59.9221, 69.1376, 34.2314



53.7339, 69.1376, 124.0241



86.3168, 69.1376, 87.1307

Complementary

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



59.9221, 69.1376, 34.2314



33.2604, 29.1153, 72.9781

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.



81.0512, 69.1376, 118.1764



59.9221, 69.1376, 34.2314



61.8531, 69.1376, 142.8082

Square

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



59.9221, 69.1376, 34.2314



49.1277, 69.1376, 93.7041



71.8659, 69.1376, 140.4321



85.6655, 69.1376, 59.4430

Rectangle

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



59.9221, 69.1376, 34.2314



49.4782, 69.1376, 56.6350



71.8659, 69.1376, 140.4321



85.1599, 69.1376, 97.6224

Sweetspot

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



59.9238, 69.1407, 34.2328



90.4899, 98.1334, 86.8092



44.2094, 36.3571, 28.7332



19.2578, 20.9591, 18.0478



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.



59.9238, 69.1407, 34.2328



80.2575, 93.9103, 38.8042



48.8884, 63.4518, 33.7164



14.8207, 16.0033, 14.6146



32.0184, 39.5386, 5.9442



2.2347, 2.7485, 0.4127

Inverse Universe

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



33.2604, 29.1153, 72.9781



39.0286, 32.0107, 98.7294



41.7563, 33.4952, 73.3757



12.9972, 13.2666, 17.2634



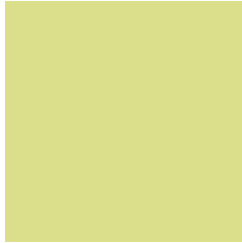
7.9103, 3.1732, 41.2439



0.5645, 0.2283, 2.8596

Previews

White Background



This preview shows how the XYZ color 59.9221, 69.1376, 34.2314 looks on a white background.

Color Contrast Check

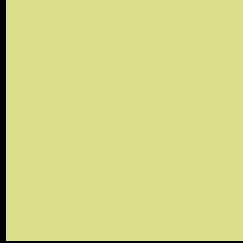
Large Text (above 18pt) WCAG AA × Fail

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 59.9221, 69.1376, 34.2314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

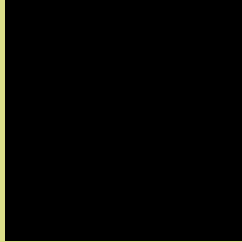
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9221, 69.1376, 34.2314

Background



This preview shows how black text looks on a background with the XYZ color 59.9221, 69.1376, 34.2314.



This preview shows how white text looks on a background with the XYZ color 59.9221, 69.1376,

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

59.9221, 69.1376, 34.2314

Protanopia

63.8489, 69.2361, 33.2913

Deuteranopia

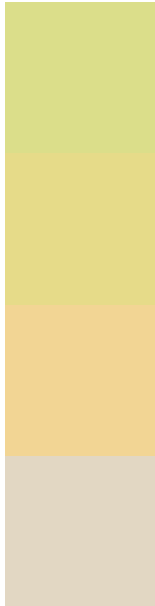
69.6286, 68.7048, 40.1634



Tritanopia

69.9310, 69.0130, 83.0339

Trichromacy



Original Color

59.9221, 69.1376, 34.2314

Protanomaly

62.4800, 69.2922, 33.7486

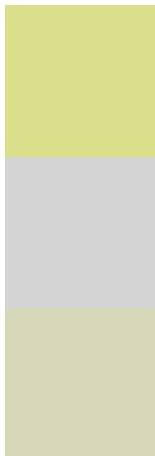
Deuteranomaly

65.7575, 68.6039, 37.7931

Tritanomaly

65.5148, 68.7098, 61.4391

Monochromacy



Original Color

59.9221, 69.1376, 34.2314

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3372, 67.0616, 55.6103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9221, 69.1376, 34.2314 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(219, 222, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 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(219, 222, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 138) }
```

Border

The CSS property to change the border of an element to XYZ 59.9221, 69.1376, 34.2314 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(219, 222, 138) }
```


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

```
.border{ border-color:rgb(219, 222, 138) }
```

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

Here you see how a box with a 4 pixel rgb(219, 222, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 222, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 222, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 222,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9221, 69.1376, 34.2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 138) }
```

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

```
.background{ background-color: rgb(219,  
222, 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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