

Converting Colors

XYZ(59.0240, 68.6196, 34.0087)

Have a look what the booklet for
XYZ(59.0240, 68.6196, 34.0087)
contains.

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Color

**XYZ(59.0276, 68.6765,
34.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DE8A
RGB	216, 222, 138
RGB Percent	85%, 87%, 54%
CMY	0.1529, 0.1294, 0.4588
CMYK	0.03, 0.00, 0.38, 0.13
HSL	64°, 56%, 71%
HSV	64°, 38%, 87%
XYZ	59.0276, 68.6765, 34.1896
YIQ	210.6300, 23.3880, -27.3960

Conversions

Conversions Part 2

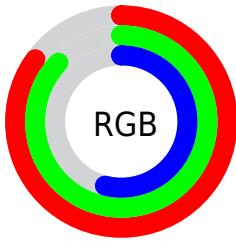
Format	Color
R_{YB}	138, 222, 144
Decimal	14212746
CIE _{Lab}	86.34, -14.55, 40.52
CIE _{LCh}	86, 43.049, 109.751
Yxy	68.6765, 0.3646, 0.4242
Android (android.graphics.Color)	4292402826 (0xFFD8DE8A)
YUV	210.6300, -35.8066, 4.7095
Hunter-Lab	82.8713, -17.8827, 33.5491

Details

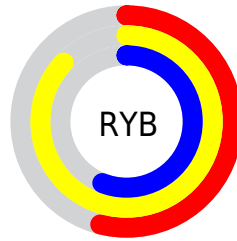
The XYZ color **59.0276, 68.6765, 34.1896** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.7775, 29.3820, 73.0024**, and the grayscale version is **61.8921, 65.1153, 70.9106**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **29.9956, 35.7829, 14.1300** is the 20% darker color. If you saturate the color by 10%, you get **57.1158, 67.8603, 26.5507**, and if you desaturate by 10%, it is **61.2759, 69.6327, 43.5618**.

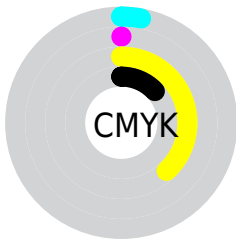
Distribution



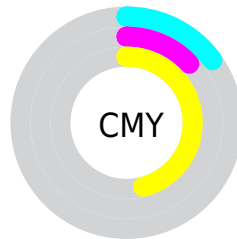
- Red (85%)
- Green (87%)
- Blue (54%)



- Red (54%)
- Yellow (87%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0276, 68.6765, 34.1896 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 59.0276, 68.6765, 34.1896 by changing the saturation by 10% instead.

■ 59.0276, 68.6765,
34.1896

■ 59.0276, 68.6765,
34.1896

410.8966,
455.8892, 335.7716

■ 42.8818, 50.4483,
22.7608

■ 102.5322,
117.3194, 67.3657

■ 29.9865, 35.7697,
14.2133

■ 130.6217,
148.5029, 89.9500

■ 19.9764, 24.2564,
8.1287

■ 163.4231,
184.7736, 117.0898

■ 12.4860, 15.5239,
4.0885

201.3018,
226.5159, 149.2038

■ 7.1501, 9.1879,
1.6740

244.6231,
274.1142, 186.7104

■ 3.6033, 4.8640,
0.3428

293.7525,

■ 1.4803, 2.1677,

327.9530, 230.0282

0.0000

349.0552,
388.4165, 279.5758

■ 0.3124, 0.7023,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0276, 68.6765,
34.1896

■ 59.0276, 68.6765,
34.1896

■ 57.1158, 67.8603,
26.5507

■ 61.2759, 69.6327,
43.5618

■ 55.5153, 67.1667,
20.5346

■ 63.8740, 70.7269,
54.7602

■ 54.2053, 66.5898,
16.0251

■ 66.8408, 71.9691,
67.8760

■ 53.1604, 66.1195,
12.8884

■ 70.1922, 73.3657,
82.9934

■ 52.3509, 65.7439,
10.9675

■ 73.9433, 74.9227,
100.1913

■ 51.7351, 65.4462,
10.0435

■ 75.3876, 75.5575,
105.2184

■ 51.6134, 65.3865,
9.9005

■ 75.8863, 75.8146,
105.2418

■ 76.3897, 76.0740,
105.2653

■ 76.8976, 76.3359,
105.2891

Harmonies

Analogous

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



68.7344, 68.6765, 32.8157



59.0276, 68.6765, 34.1896



51.7488, 68.6765, 44.6971

Triad

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



59.0276, 68.6765, 34.1896



53.6901, 68.6765, 124.8101



85.9436, 68.6765, 84.9433

Complementary

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



59.0276, 68.6765, 34.1896



33.7775, 29.3820, 73.0024

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.



80.9739, 68.6765, 116.0047



59.0276, 68.6765, 34.1896



61.9336, 68.6765, 142.5973

Square

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



59.0276, 68.6765, 34.1896



48.8907, 68.6765, 94.8390



71.9483, 68.6765, 139.0190



84.9630, 68.6765, 57.7648

Rectangle

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



59.0276, 68.6765, 34.1896



48.9375, 68.6765, 57.3898



71.9483, 68.6765, 139.0190



84.8954, 68.6765, 95.3629

Sweetspot

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



59.0293, 68.6796, 34.1910



90.1242, 97.9449, 86.7921



44.6268, 37.1920, 28.8724



19.1699, 20.9139, 18.0437



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.



59.0293, 68.6796, 34.1910



78.7978, 93.1579, 38.7359



48.2562, 63.1258, 33.6869



14.7700, 15.9771, 14.6122



30.6957, 38.8567, 5.8823



2.1570, 2.7085, 0.4091

Inverse Universe

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



33.7775, 29.3820, 73.0024



39.7598, 32.3877, 98.7636



42.4282, 33.8416, 73.4072



13.0424, 13.2899, 17.2655



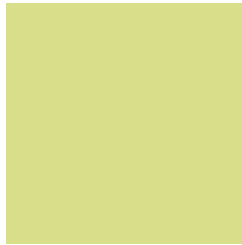
7.9914, 3.2150, 41.2477



0.5862, 0.2395, 2.8606

Previews

White Background



This preview shows how the XYZ color 59.0276, 68.6765, 34.1896 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 59.0276, 68.6765, 34.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

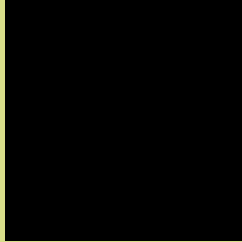
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0276, 68.6765, 34.1896

Background



This preview shows how black text looks on a background with the XYZ color 59.0276, 68.6765, 34.1896.



This preview shows how white text looks on a background with the XYZ color 59.0276, 68.6765,

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

59.0276, 68.6765, 34.1896

Protanopia

63.2608, 68.5515, 33.1901

Deuteranopia

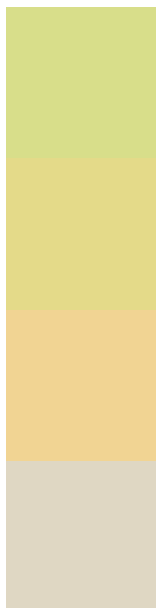
69.2203, 68.1526, 39.2122



Tritanopia

68.9764, 68.5209, 82.9892

Trichromacy



Original Color

59.0276, 68.6765, 34.1896

Protanomaly

61.5817, 68.4429, 33.6320

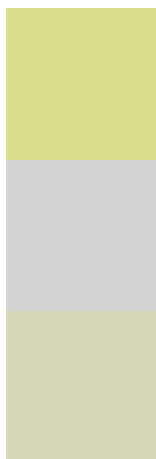
Deuteranomaly

65.0856, 67.8943, 37.2783

Tritanomaly

64.5822, 68.2290, 61.3954

Monochromacy



Original Color

59.0276, 68.6765, 34.1896

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.3927, 66.2077, 54.9437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0276, 68.6765, 34.1896 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(216, 222, 138)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 222, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 138) }
```

Border

The CSS property to change the border of an element to XYZ 59.0276, 68.6765, 34.1896 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(216, 222, 138) }
```


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

```
.border{ border-color:rgb(216, 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(216, 222, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 222, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 222, 138); box-shadow:4px 4px 4px 4px rgb(216, 222, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0276, 68.6765, 34.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 138) }
```

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

```
.background{ background-color: rgb(216,  
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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