

Converting Colors

XYZ(53.8950, 66.8069, 34.8654)

Have a look what the booklet for
XYZ(53.8950, 66.8069, 34.8654)
contains.

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Color

**XYZ(53.8950, 66.8069,
34.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E08C
RGB	195, 224, 140
RGB Percent	76%, 88%, 55%
CMY	0.2353, 0.1215, 0.4510
CMYK	0.13, 0.00, 0.38, 0.12
HSL	81°, 58%, 71%
HSV	81°, 38%, 88%
XYZ	53.8950, 66.8069, 34.8654
YIQ	205.7530, 9.6800, -32.2720

Conversions

Conversions Part 2

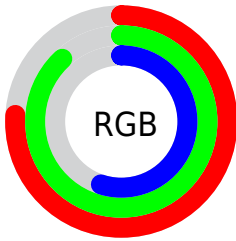
Format	Color
RYB	140, 224, 169
Decimal	12837004
CIELab	85.41, -23.25, 38.01
CIELCh	85, 44.557, 121.452
Yxy	66.8069, 0.3464, 0.4294
Android (android.graphics.Color)	4291027084 (0xFFC3E08C)
YUV	205.7530, -32.4162, -9.4304
Hunter-Lab	81.7355, -25.3372, 31.9239

Details

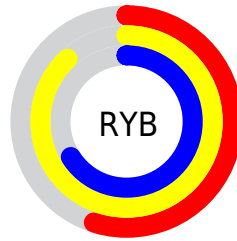
The XYZ color **53.8950, 66.8069, 34.8654** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.1975, 32.5748, 74.7464**, and the grayscale version is **58.7061, 61.7634, 67.2604**.

A 20% lighter version of the original color is **85.6425, 96.1105, 65.0763**, and **26.7646, 34.6560, 14.5111** is the 20% darker color. If you saturate the color by 10%, you get **50.4621, 65.2111, 26.9431**, and if you desaturate by 10%, it is **57.7710, 68.5965, 44.5661**.

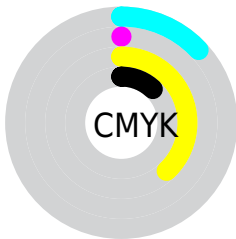
Distribution



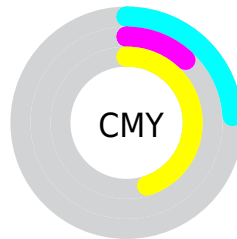
- Red (76%)
- Green (88%)
- Blue (55%)



- Red (55%)
- Yellow (88%)
- Blue (66%)



- Cyan (13%)
- Magenta (0%)
- Yellow (38%)
- Black (12%)





- Cyan (24%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8950, 66.8069, 34.8654 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 53.8950, 66.8069, 34.8654 by changing the saturation by 10% instead.


 53.8950, 66.8069,
34.8654


 53.8950, 66.8069,
34.8654


391.9144,
449.2571, 338.8600


 38.7481, 48.9277,
23.2765


 95.0779, 114.6437,
68.4264

 26.7436, 34.5621,
14.5906


 121.8445,
145.3701, 91.2356

 17.5164, 23.3258,
8.3891


 153.2150,
181.1476, 118.6219

 10.7009, 14.8343,
4.2536

189.5549,
222.3608, 151.0040

 5.9319, 8.7031,
1.7655

231.2294,
269.3939, 188.8002

 2.8440, 4.5481,
0.4050

278.6039,

 1.0718, 1.9846,

322.6314, 232.4293

0.0000

332.0438,
382.4577, 282.3097

0.0013, 0.5985,
0.0000

0.0000, 0.0000,
0.0000

53.8950, 66.8069,
34.8654

53.8950, 66.8069,
34.8654

50.4621, 65.2111,
26.9431

57.7710, 68.5965,
44.5661

47.4452, 63.7912,
20.6868


62.1055, 70.5793,
56.1401


44.8217, 62.5402,
15.9779


66.9191, 72.7661,
69.6806


42.5641, 61.4471,
12.6802


72.2293, 75.1640,
85.2733


 40.6405, 60.4987,
10.6340


 78.0531, 77.7799,
102.9989

 39.0080, 59.6778,
9.6238

 81.1221, 79.3068,
105.6399

 38.6287, 59.4858,
9.4460

 83.8248, 80.7001,
105.7664

 85.9471, 81.7942,
105.8657

Harmonies

Analogous

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



63.0072, 66.8069, 30.1066



53.8950, 66.8069, 34.8654



47.9221, 66.8069, 49.2693

Triad

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



53.8950, 66.8069, 34.8654



54.6626, 66.8069, 133.3454



84.9558, 66.8069, 71.3413

Complementary

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



53.8950, 66.8069, 34.8654



39.1975, 32.5748, 74.7464

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.



82.1286, 66.8069, 102.6871



53.8950, 66.8069, 34.8654



63.9913, 66.8069, 143.7037

Square

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



53.8950, 66.8069, 34.8654



48.3311, 66.8069, 105.7893



74.1788, 66.8069, 131.2458



81.5459, 66.8069, 47.4108

Rectangle

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



53.8950, 66.8069, 34.8654



46.1657, 66.8069, 64.7842



74.1788, 66.8069, 131.2458



84.7017, 66.8069, 81.3248

Sweetspot

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



53.8967, 66.8099, 34.8668



87.3843, 96.5324, 86.6638



49.4792, 45.7482, 31.0343



18.5137, 20.5756, 18.0130



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.



53.8967, 66.8099, 34.8668



68.6477, 87.9253, 38.2609



44.7179, 62.0780, 34.4373



14.3883, 15.7803, 14.5943



22.6117, 34.6893, 5.5039



1.6625, 2.4535, 0.3860

Inverse Universe

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



39.1975, 32.5748, 74.7464



46.2571, 35.7372, 99.0677



49.4134, 37.8413, 75.2245



13.3961, 13.4722, 17.2820



9.7408, 4.1169, 41.3296



0.7692, 0.3338, 2.8691

Previews

White Background



This preview shows how the XYZ color 53.8950, 66.8069, 34.8654 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 53.8950, 66.8069, 34.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

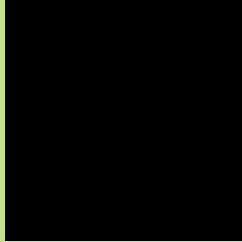
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8950, 66.8069, 34.8654

Background



This preview shows how black text looks on a background with the XYZ color 53.8950, 66.8069, 34.8654.



This preview shows how white text looks on a background with the XYZ color 53.8950, 66.8069,

34.8654.

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

53.8950, 66.8069, 34.8654

Protanopia

61.5169, 66.5219, 32.8903

Deuteranopia

67.9437, 66.4901, 36.0409



Tritanopia

63.8093, 66.5671, 84.3485

Trichromacy



Original Color

53.8950, 66.8069, 34.8654

Protanomaly

58.5416, 66.4919, 33.4157

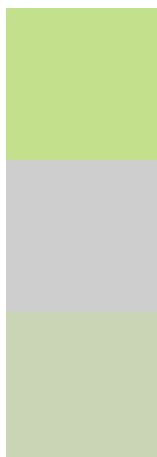
Deuteranomaly

61.8565, 65.8953, 35.4455

Tritanomaly

59.5195, 66.3534, 62.4938

Monochromacy



Original Color

53.8950, 66.8069, 34.8654

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.5949, 63.5225, 53.5342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8950, 66.8069, 34.8654 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(195, 224, 140)` looks like.

```
.text, #text, p{  
    color:rgb(195, 224, 140)  
}
```

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(195, 224, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 224, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.8950, 66.8069, 34.8654 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(195, 224, 140) }
```


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

```
.border{ border-color:rgb(195, 224, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 224, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 224, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 224, 140);  
box-shadow:4px 4px 4px 4px rgb(195, 224,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8950, 66.8069, 34.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 224, 140) }
```

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

```
.background{ background-color: rgb(195,  
224, 140) }
```

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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