

Converting Colors

XYZ(53.0938, 71.3409, 16.9331)

Have a look what the booklet for
XYZ(53.0938, 71.3409, 16.9331)
contains.

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Color

**XYZ(53.0938, 71.3409,
16.9331)**

Conversions

Conversions Part 1

Format	Color
Hex	C2EB47
RGB	194, 235, 71
RGB Percent	76%, 92%, 28%
CMY	0.2392, 0.0784, 0.7215
CMYK	0.17, 0.00, 0.70, 0.08
HSL	75°, 80%, 60%
HSV	75°, 70%, 92%
XYZ	53.0938, 71.3409, 16.9331
YIQ	204.0450, 28.2080, -59.6960

Conversions

Conversions Part 2

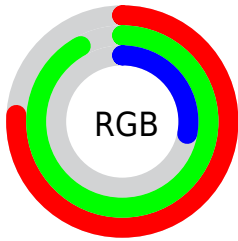
Format	Color
RYB	71, 235, 112
Decimal	12774215
CIELab	87.65, -34.98, 71.15
CIELCh	88, 79.289, 116.181
Yxy	71.3409, 0.3756, 0.5046
Android (android.graphics.Color)	4290964295 (0xFFC2EB47)
YUV	204.0450, -65.5912, -8.8095
Hunter-Lab	84.4635, -35.6061, 47.2381

Details

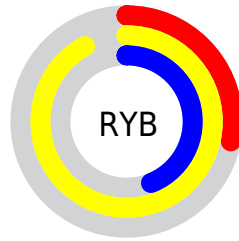
The XYZ color **53.0938, 71.3409, 16.9331** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **23.9334, 13.9512, 80.0329**, and the grayscale version is **57.8141, 60.8249, 66.2383**.

A 20% lighter version of the original color is **80.5293, 94.1493, 34.3504**, and **26.2734, 37.4744, 5.8485** is the 20% darker color. If you saturate the color by 10%, you get **51.0028, 70.3362, 13.6312**, and if you desaturate by 10%, it is **55.5393, 72.4993, 21.7758**.

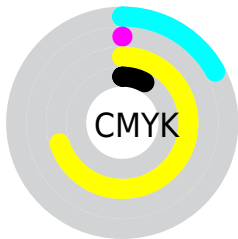
Distribution



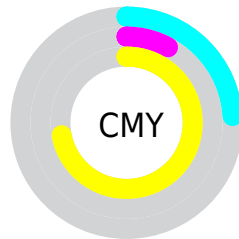
- Red (76%)
- Green (92%)
- Blue (28%)



- Red (28%)
- Yellow (92%)
- Blue (44%)



- Cyan (17%)
- Magenta (0%)
- Yellow (70%)
- Black (8%)





- Cyan (24%)
- Magenta (8%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0938, 71.3409, 16.9331 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 53.0938, 71.3409, 16.9331 by changing the saturation by 10% instead.


 53.0938, 71.3409,
16.9331

 53.0938, 71.3409,
16.9331


388.8999,
465.2443, 246.8174


 38.1054, 52.6204,
10.0254


 93.9071, 121.1190,
38.9998

 26.2421, 37.4999,
5.3099


 120.4627,
152.9454, 54.9958


 17.1385, 25.5947,
2.3683


 151.6048,
189.9093, 74.8583

 10.4292, 16.5207,
0.7691

 187.6988,
232.3950, 99.0059

 5.7489, 9.8934,
0.0000

 229.1099,
280.7870, 127.8571

 2.7322, 5.3283,
0.0000

276.2035,

 1.0138, 2.4412,

335.4696, 161.8303

0.0000

329.3451,
396.8272, 201.3443

0.0000, 0.8469,
0.0000

0.0000, 0.0000,
0.0000

53.0938, 71.3409,
16.9331

53.0938, 71.3409,
16.9331

51.0028, 70.3362,
13.6312

55.5393, 72.4993,
21.7758

49.2248, 69.4610,
11.6773


58.3650, 73.8143,
28.3132


47.7013, 68.6944,
10.7597


61.5996, 75.2998,
36.6855


47.6700, 68.6786,
10.7438

65.2674, 76.9657,
47.0171

 69.3905, 78.8210,
59.4217

 73.9895, 80.8738,
74.0041

 79.0835, 83.1321,
90.8620

 84.0381, 85.3419,
106.6511

 86.0766, 86.3928,
106.7465

Harmonies

Analogous

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



70.2407, 71.3409, 13.4455



53.0938, 71.3409, 16.9331



42.0191, 71.3409, 33.1729

Triad

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



53.0938, 71.3409, 16.9331



49.6334, 71.3409, 199.1299



110.5842, 71.3409, 84.7707

Complementary

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



53.0938, 71.3409, 16.9331



23.9334, 13.9512, 80.0329

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.



102.4403, 71.3409, 150.6043



53.0938, 71.3409, 16.9331



65.4309, 71.3409, 233.2506

Square

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



53.0938, 71.3409, 16.9331



40.2953, 71.3409, 132.8078



85.0154, 71.3409, 212.3106



105.6392, 71.3409, 40.4079

Rectangle

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



53.0938, 71.3409, 16.9331



38.4451, 71.3409, 55.5064



85.0154, 71.3409, 212.3106



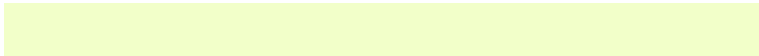
109.2528, 71.3409, 105.0844

Sweetspot

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



53.0955, 71.3441, 16.9346



82.8400, 94.5667, 69.4233



41.1951, 29.7078, 9.5252



17.4289, 20.1054, 13.9382



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.



53.0955, 71.3441, 16.9346



60.3632, 84.1576, 15.1421



37.5303, 63.3200, 16.2062



15.9628, 17.4264, 16.0410



26.6518, 38.2840, 5.9849



2.1796, 3.0510, 0.4740

Inverse Universe

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



23.9334, 13.9512, 80.0329



23.4889, 11.1907, 95.5298



39.4994, 21.9758, 80.7613



14.5841, 14.7309, 18.9969



9.4397, 3.9023, 43.9986



0.8271, 0.3507, 3.4590

Previews

White Background



This preview shows how the XYZ color 53.0938, 71.3409, 16.9331 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 53.0938, 71.3409, 16.9331 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 53.0938, 71.3409, 16.9331

Background



This preview shows how black text looks on a background with the XYZ color 53.0938, 71.3409, 16.9331.

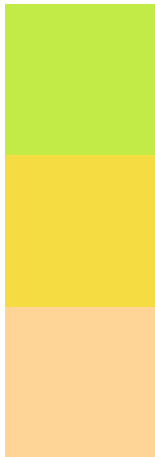


This preview shows how white text looks on a background with the XYZ color 53.0938, 71.3409,

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

53.0938, 71.3409, 16.9331

Protanopia

64.6124, 71.1845, 15.6447

Deuteranopia

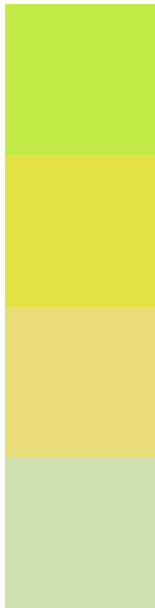
70.2885, 70.5490, 38.7669



Tritanopia

67.7690, 70.7745, 90.2098

Trichromacy



Original Color

53.0938, 71.3409, 16.9331

Protanomaly

59.6472, 70.5987, 15.9520

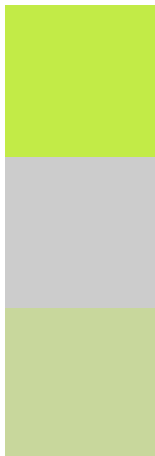
Deuteranomaly

62.6487, 69.8905, 28.2774

Tritanomaly

60.0379, 70.0039, 51.9427

Monochromacy



Original Color

53.0938, 71.3409, 16.9331

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

54.1206, 63.2805, 40.8144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0938, 71.3409, 16.9331 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(194, 235, 71)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 71)  
}
```

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(194, 235, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 71) }
```

Border

The CSS property to change the border of an element to XYZ 53.0938, 71.3409, 16.9331 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(194, 235, 71) }
```


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

```
.border{ border-color:rgb(194, 235, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 235, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 235, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 235, 71);  
box-shadow:4px 4px 4px 4px rgb(194, 235,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0938, 71.3409, 16.9331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 235, 71) }
```

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

```
.background{ background-color: rgb(194,  
235, 71) }
```

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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