

Converting Colors

XYZ(56.6349, 72.6985, 38.2414)

Have a look what the booklet for
XYZ(56.6349, 72.6985, 38.2414)
contains.

XYZ(56.6349, 72.6985, 38.2414)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6349, 72.6985,
38.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	C0EB92
RGB	192, 235, 146
RGB Percent	75%, 92%, 57%
CMY	0.2471, 0.0784, 0.4274
CMYK	0.18, 0.00, 0.38, 0.08
HSL	89°, 69%, 75%
HSV	89°, 38%, 92%
XYZ	56.6349, 72.6985, 38.2414
YIQ	211.9970, 2.9410, -36.7950

Conversions

Conversions Part 2

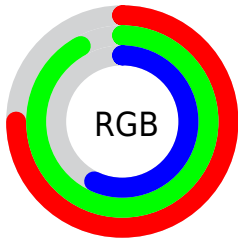
Format	Color
RYB	146, 235, 189
Decimal	12643218
CIELab	88.30, -28.84, 38.73
CIELCh	88, 48.285, 126.677
Yxy	72.6985, 0.3380, 0.4338
Android (android.graphics.Color)	4290833298 (0xFFC0EB92)
YUV	211.9970, -32.5365, -17.5374
Hunter-Lab	85.2634, -30.6451, 33.0923

Details

The XYZ color **56.6349, 72.6985, 38.2414** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.2636, 37.3769, 83.3774**, and the grayscale version is **62.7871, 66.0569, 71.9360**.

A 20% lighter version of the original color is **85.3695, 95.8768, 69.2650**, and **28.4570, 38.3667, 16.4953** is the 20% darker color. If you saturate the color by 10%, you get **52.2269, 70.6183, 29.4539**, and if you desaturate by 10%, it is **61.6442, 75.0498, 49.0213**.

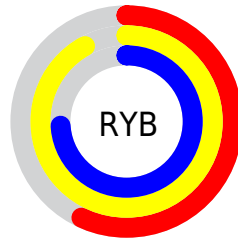
Distribution



Red (75%)

Green (92%)

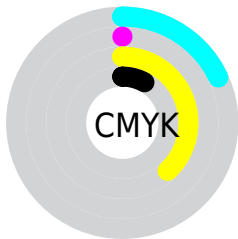
Blue (57%)



Red (57%)

Yellow (92%)

Blue (74%)

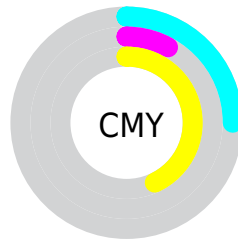


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (8%)



Cyan (25%)


Magenta (8%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6349, 72.6985, 38.2414 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 56.6349, 72.6985, 38.2414 by changing the saturation by 10% instead.


 56.6349, 72.6985,
38.2414


 56.6349, 72.6985,
38.2414


402.1162,
469.9692, 353.9836

 40.9512, 53.7295,
25.8668


 99.0667, 123.0491,
73.6855

 28.4684, 38.3854,
16.4992


 126.5455,
155.1994, 97.5921

 18.8213, 26.2820,
9.7199


158.6867,
192.5124, 126.1798

 11.6445, 17.0347,
5.1105

195.8556,
235.3722, 159.8672

 6.5726, 10.2592,
2.2524

238.4177,
284.1635, 199.0726

 3.2402, 5.5712,
0.7043

286.7382,

 1.2820, 2.5861,

339.2704, 244.2149

0.0000

341.1826,
401.0775, 295.7123

0.1697, 0.9197,
0.0000

0.0000, 0.0000,
0.0000

56.6349, 72.6985,
38.2414

56.6349, 72.6985,
38.2414

52.2269, 70.6183,
29.4539

61.6442, 75.0498,
49.0213

48.3866, 68.7878,
22.5319

67.2754, 77.6735,
61.9010

45.0848, 67.1971,
17.3410

73.5546, 80.5832,
76.9855

42.2871, 65.8320,
13.7269

80.5046, 83.7884,
94.3716

■ 39.9534, 64.6756,
11.5081

■ 86.7471, 86.7384,
106.7779

■ 38.0306, 63.7061,
10.4356

■ 88.9999, 87.8998,
106.8833

■ 37.6588, 63.5176,
10.2753

Harmonies

Analogous

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



66.5415, 72.6985, 31.2160



56.6349, 72.6985, 38.2414



50.6040, 72.6985, 56.5013

Triad

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



56.6349, 72.6985, 38.2414



60.6530, 72.6985, 153.3275



93.6522, 72.6985, 71.9721

Complementary

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



56.6349, 72.6985, 38.2414



46.2636, 37.3769, 83.3774

Split Complementary

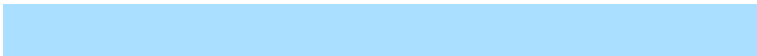
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6239, 72.6985, 107.1782



56.6349, 72.6985, 38.2414



71.7187, 72.6985, 160.8719

Square

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



56.6349, 72.6985, 38.2414



52.7363, 72.6985, 123.6737



83.2666, 72.6985, 142.0943



88.5351, 72.6985, 46.8539

Rectangle

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



56.6349, 72.6985, 38.2414



49.1701, 72.6985, 75.5175



83.2666, 72.6985, 142.0943



93.7913, 72.6985, 82.9101

Sweetspot

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



56.6367, 72.7017, 38.2430



86.0465, 95.8428, 86.6012



57.3358, 55.5075, 34.8873



18.1946, 20.4111, 17.9981



0.0000, 0.0000, 0.0000



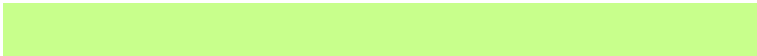
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6367, 72.7017, 38.2430



64.2126, 85.6389, 38.0533



47.2872, 67.8818, 37.8054



15.6109, 17.2450, 16.0245



21.1061, 35.4250, 5.7253



1.7684, 2.8390, 0.4548

Inverse Universe

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



46.2636, 37.3769, 83.3774



50.1505, 37.7443, 99.2499



58.5667, 43.7193, 83.9532



14.9239, 14.9060, 19.0128



12.3212, 5.3877, 44.1335



1.0781, 0.4801, 3.4707

Previews

White Background



This preview shows how the XYZ color 56.6349, 72.6985, 38.2414 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 56.6349, 72.6985, 38.2414 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

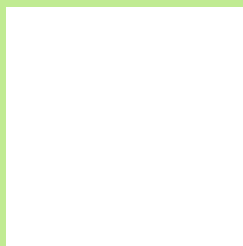
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6349, 72.6985, 38.2414

Background



This preview shows how black text looks on a background with the XYZ color 56.6349, 72.6985, 38.2414.

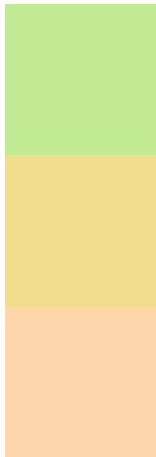


This preview shows how white text looks on a background with the XYZ color 56.6349, 72.6985,

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

56.6349, 72.6985, 38.2414

Protanopia

66.8657, 72.3071, 35.2434

Deuteranopia

72.5423, 72.2554, 48.1535



Tritanopia

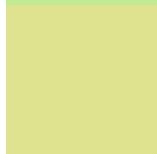
67.7185, 72.2480, 93.5952

Trichromacy



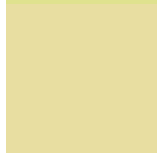
Original Color

56.6349, 72.6985, 38.2414



Protanomaly

62.5103, 72.0337, 36.2004



Deuteranomaly

65.8330, 71.9716, 44.1403



Tritanomaly

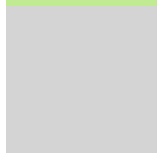
62.6971, 71.8119, 68.9491

Monochromacy



Original Color

56.6349, 72.6985, 38.2414



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.8471, 67.7964, 57.5087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6349, 72.6985, 38.2414 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(192, 235, 146)` looks like.

```
.text, #text, p{  
    color:rgb(192, 235, 146)  
}
```

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(192, 235, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 235, 146) }
```

Border

The CSS property to change the border of an element to XYZ 56.6349, 72.6985, 38.2414 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(192, 235, 146) }
```


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

```
.border{ border-color:rgb(192, 235, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 235, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 235, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 235, 146); box-shadow:4px 4px 4px 4px rgb(192, 235, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6349, 72.6985, 38.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 235, 146) }
```

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

```
.background{ background-color: rgb(192,  
235, 146) }
```

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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