

Converting Colors

XYZ(38.5476, 34.1108, 82.3943)

Have a look what the booklet for
XYZ(38.5476, 34.1108, 82.3943)
contains.

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Color

**XYZ(38.5476, 34.1108,
82.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	9895EA
RGB	152, 149, 234
RGB Percent	60%, 58%, 92%
CMY	0.4039, 0.4157, 0.0823
CMYK	0.35, 0.36, 0.00, 0.08
HSL	242°, 67%, 75%
HSV	242°, 36%, 92%
XYZ	38.5476, 34.1108, 82.3943
YIQ	159.5870, -25.4970, 27.0710

Conversions

Conversions Part 2

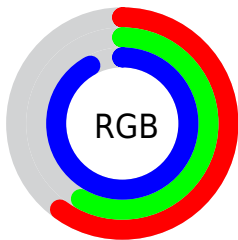
Format	Color
R_{YB}	152, 149, 234
Decimal	9999850
CIE _{Lab}	65.05, 20.75, -42.51
CIE _{LCh}	65, 47.304, 296.015
Yxy	34.1108, 0.2486, 0.2200
Android (android.graphics.Color)	4288189930 (0xFF9895EA)
YUV	159.5870, 36.6856, -6.6538
Hunter-Lab	58.4045, 15.6042, -42.7605

Details

The XYZ color **38.5476, 34.1108, 82.3943** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **67.8032, 78.0051, 39.9178**, and the grayscale version is **33.0699, 34.7921, 37.8886**.

A 20% lighter version of the original color is **65.4184, 63.3418, 103.3860**, and **17.3333, 14.4911, 44.0030** is the 20% darker color. If you saturate the color by 10%, you get **31.3802, 25.4617, 81.1032**, and if you desaturate by 10%, it is **47.2652, 44.6644, 83.9725**.

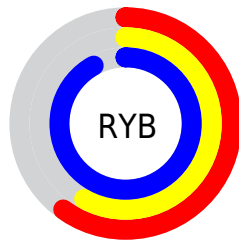
Distribution



Red (60%)

Green (58%)

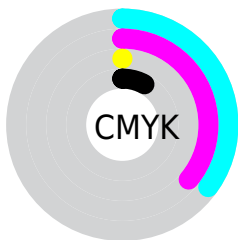
Blue (92%)



Red (60%)

Yellow (58%)

Blue (92%)

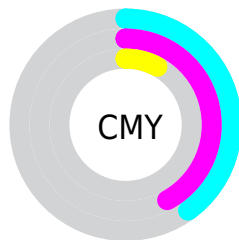


Cyan (35%)

Magenta (36%)

Yellow (0%)

Black (8%)



Cyan (40%)

Magenta (42%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5476, 34.1108, 82.3943 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 38.5476, 34.1108, 82.3943 by changing the saturation by 10% instead.

■ 38.5476, 34.1108,
82.3943

■ 38.5476, 34.1108,
82.3943

331.2036,
320.6258, 522.8837

■ 26.5871, 22.9787,
61.1529

■ 72.2452, 66.1059,
138.5684

■ 17.3984, 14.5778,
43.9172

■ 94.7130, 87.7378,
174.3383

■ 10.6160, 8.5236,
30.2687

121.4140,
113.6384, 215.7880

■ 5.8746, 4.4318,
19.7889

152.7135,
144.1921, 263.3361

■ 2.8089, 1.9179,
12.0591

188.9768,
179.7832, 317.4012

■ 1.0535, 0.5591,
6.6609

230.5694,

■ 0.0000, 0.0000,

220.7963, 378.4018

3.1757

277.8565,
267.6157, 446.7564

■ 0.0000, 0.0000,
1.1851

■ 0.0000, 0.0000,
0.0000

■ 38.5476, 34.1108,
82.3943

■ 38.5476, 34.1108,
82.3943

■ 31.3802, 25.4617,
81.1032

■ 47.2652, 44.6644,
83.9725

■ 25.6688, 18.6000,
80.0798

■ 57.6126, 57.2224,
85.8511

■ 21.3146, 13.4019,
79.3060

■ 69.6681, 71.8825,
88.0454

■ 18.2051, 9.7260,
78.7604

■ 83.5042, 88.7348,
90.5689

■ 16.2097, 7.4077,
78.4180

■ 91.8514, 98.7206,
92.0564

■ 15.1681, 6.2425,
78.2480

■ 14.9548, 5.9939,
78.2113

Harmonies

Analogous

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



31.5147, 34.1108, 88.9040



38.5476, 34.1108, 82.3943



44.6136, 34.1108, 62.4651

Triad

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



38.5476, 34.1108, 82.3943



40.3542, 34.1108, 13.8230



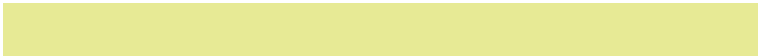
20.9779, 34.1108, 34.5809

Complementary

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



38.5476, 34.1108, 82.3943



67.8032, 78.0051, 39.9178

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.



22.6812, 34.1108, 19.7953



38.5476, 34.1108, 82.3943



33.3452, 34.1108, 10.7902

Square

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



38.5476, 34.1108, 82.3943



45.7555, 34.1108, 22.9322



26.9811, 34.1108, 12.5107



21.9675, 34.1108, 56.2620

Rectangle

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



38.5476, 34.1108, 82.3943



46.9536, 34.1108, 47.0220



26.9811, 34.1108, 12.5107



21.2473, 34.1108, 28.7511

Sweetspot

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



38.5488, 34.1121, 82.3951



77.4814, 78.6150, 105.6983



55.8692, 69.5761, 88.3275



16.1596, 16.3106, 22.5465



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.



38.5488, 34.1121, 82.3951



39.8322, 32.9859, 98.8753



47.9336, 38.9501, 82.8343



14.2804, 14.5743, 18.9827



8.4256, 3.3795, 43.9512



0.6790, 0.2743, 3.4520

Inverse Universe

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



59.1037, 44.7579, 81.1255



68.4512, 47.8124, 96.9201



55.7523, 71.7926, 39.3539



15.6905, 15.3041, 18.9215



26.7721, 12.9115, 41.4630



2.1095, 1.0168, 3.2938

Previews

White Background



This preview shows how the XYZ color 38.5476, 34.1108, 82.3943 looks on a white background.

Color Contrast Check

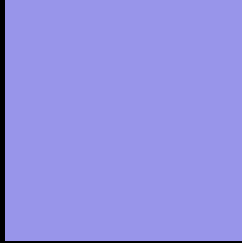
Large Text (above 18pt) WCAG AA × Fail

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 38.5476, 34.1108, 82.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

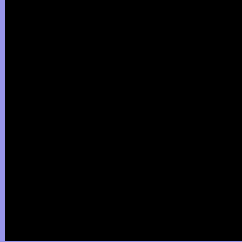
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5476, 34.1108, 82.3943

Background



This preview shows how black text looks on a background with the XYZ color 38.5476, 34.1108, 82.3943.



This preview shows how white text looks on a background with the XYZ color 38.5476, 34.1108,

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

38.5476, 34.1108, 82.3943

Protanopia

36.2034, 34.2639, 86.3668

Deuteranopia

35.2266, 34.3758, 81.1225



Tritanopia

31.0323, 34.0347, 44.9782

Trichromacy



Original Color

38.5476, 34.1108, 82.3943

Protanomaly

36.9938, 34.2153, 84.7752

Deuteranomaly

36.2553, 34.1453, 81.7706

Tritanomaly

33.5224, 34.0288, 57.0259

Monochromacy



Original Color

38.5476, 34.1108, 82.3943

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.7627, 34.5329, 51.8470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5476, 34.1108, 82.3943 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(152, 149, 234)` looks like.

```
.text, #text, p{  
    color:rgb(152, 149, 234)  
}
```

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(152, 149, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 149, 234) }
```

Border

The CSS property to change the border of an element to XYZ 38.5476, 34.1108, 82.3943 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(152, 149, 234) }
```


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

```
.border{ border-color:rgb(152, 149, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 149, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 149, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 149, 234); box-shadow:4px 4px 4px 4px rgb(152, 149, 234) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5476, 34.1108, 82.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 149, 234) }
```

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

```
.background{ background-color: rgb(152,  
149, 234) }
```

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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