

Converting Colors

XYZ(38.3207, 34.5986, 59.8908)

Have a look what the booklet for
XYZ(38.3207, 34.5986, 59.8908)
contains.

XYZ(38.3033, 34.4826, 59.8953)	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(38.3033, 34.4826,
59.8953)**

Conversions

Conversions Part 1

Format	Color
Hex	AC95C9
RGB	172, 149, 201
RGB Percent	67%, 58%, 79%
CMY	0.3255, 0.4157, 0.2118
CMYK	0.14, 0.26, 0.00, 0.21
HSL	267°, 32%, 69%
HSV	267°, 26%, 79%
XYZ	38.3033, 34.4826, 59.8953
YIQ	161.8050, -2.9840, 21.0480

Conversions

Conversions Part 2

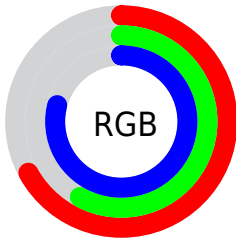
Format	Color
R_{YB}	172, 149, 201
Decimal	11310537
CIE _{Lab}	65.34, 18.70, -23.63
CIE _{LCh}	65, 30.130, 308.362
Yxy	34.4826, 0.2887, 0.2599
Android (android.graphics.Color)	4289500617 (0xFFAC95C9)
YUV	161.8050, 19.3231, 8.9410
Hunter-Lab	58.7219, 13.6692, -19.3694

Details

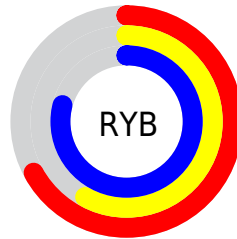
The XYZ color **38.3033, 34.4826, 59.8953** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.6727, 53.4090, 36.3898**, and the grayscale version is **34.1659, 35.9452, 39.1443**.

A 20% lighter version of the original color is **71.4008, 66.4259, 103.6660**, and **17.2419, 14.7639, 29.5447** is the 20% darker color. If you saturate the color by 10%, you get **33.0363, 27.4477, 58.8156**, and if you desaturate by 10%, it is **44.3289, 42.7249, 61.1692**.

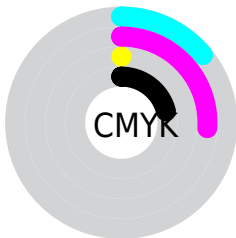
Distribution



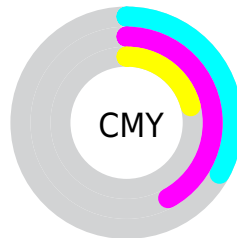
- Red (67%)
- Green (58%)
- Blue (79%)



- Red (67%)
- Yellow (58%)
- Blue (79%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3033, 34.4826, 59.8953 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 38.3033, 34.4826, 59.8953 by changing the saturation by 10% instead.

■ 38.3033, 34.4826,
59.8953

■ 38.3033, 34.4826,
59.8953

330.1777,
322.2786, 442.0057

■ 26.3965, 23.2646,
42.9095

■ 71.8737, 66.6835,
106.2197

■ 17.2547, 14.7890,
29.4832

■ 94.2679, 88.4351,
136.3953

■ 10.5127, 8.6714,
19.1980

120.8887,
114.4667, 171.8046

■ 5.8050, 4.5275,
11.6352

152.1013,
145.1627, 212.8662

■ 2.7664, 1.9728,
6.3763

188.2712,
180.9075, 259.9986

■ 1.0315, 0.5916,
3.0027

229.7636,

■ 0.0000, 0.0000,

222.0855, 313.6202

1.0960

276.9440,
269.0811, 374.1497

■ 0.0000, 0.0000,
0.0000

■ 38.3033, 34.4826,
59.8953

■ 38.3033, 34.4826,
59.8953

■ 33.0363, 27.4477,
58.8156

■ 44.3289, 42.7249,
61.1692

■ 28.4913, 21.5569,
57.9181

■ 51.1407, 52.2253,
62.6439

■ 24.6334, 16.7477,
57.1931

■ 58.7693, 63.0365,
64.3286

■ 21.4231, 12.9492,
56.6292

■ 67.2421, 75.2070,
66.2312

■ 18.8165, 10.0821,
56.2132

■ 76.5857, 88.7829,
68.3592

■ 16.7631, 8.0545,
55.9300

■ 81.9876, 94.1333,
69.1072

■ 15.2011, 6.7524,
55.7610

■ 85.8961, 96.1482,
69.2901

■ 14.6531, 6.3361,
55.7095

■ 87.5427, 96.9971,
69.3672

Harmonies

Analogous

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



34.0189, 34.4826, 66.9360



38.3033, 34.4826, 59.8953



41.2727, 34.4826, 47.1939

Triad

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



38.3033, 34.4826, 59.8953



35.9900, 34.4826, 19.2453



25.1057, 34.4826, 41.1761

Complementary

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



38.3033, 34.4826, 59.8953



44.6727, 53.4090, 36.3898

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.



25.5313, 34.4826, 29.3111



38.3033, 34.4826, 59.8953



31.5611, 34.4826, 18.3328

Square

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



38.3033, 34.4826, 59.8953



39.8563, 34.4826, 24.4408



27.8054, 34.4826, 21.5885



26.5859, 34.4826, 54.6555

Rectangle

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



38.3033, 34.4826, 59.8953



41.9669, 34.4826, 38.2414



27.8054, 34.4826, 21.5885



25.0335, 34.4826, 36.8584

Sweetspot

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



38.3044, 34.4840, 59.8961



84.8214, 85.5736, 106.6545



38.9517, 42.6347, 61.4352



17.7655, 17.7709, 22.7437



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.



38.3044, 34.4840, 59.8961



60.4047, 52.0872, 101.4779



44.4569, 37.6558, 60.1840



10.4945, 10.5132, 13.3936



9.3149, 4.0363, 35.0325



0.5240, 0.2339, 1.6627

Inverse Universe

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



42.8718, 37.1282, 47.0278



69.6786, 57.4603, 75.1540



39.3490, 50.6646, 36.1407



10.8773, 10.7343, 12.3374



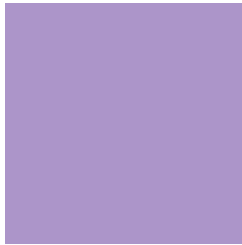
17.0343, 8.5633, 10.6565



0.8426, 0.4199, 0.6943

Previews

White Background



This preview shows how the XYZ color 38.3033, 34.4826, 59.8953 looks on a white background.

Color Contrast Check

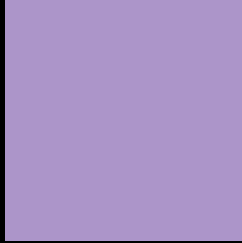
Large Text (above 18pt) WCAG AA × Fail

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 38.3033, 34.4826, 59.8953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

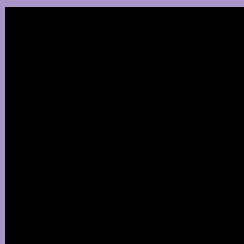
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3033, 34.4826, 59.8953

Background



This preview shows how black text looks on a background with the XYZ color 38.3033, 34.4826, 59.8953.



This preview shows how white text looks on a background with the XYZ color 38.3033, 34.4826,

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

38.3033, 34.4826, 59.8953

Protanopia

34.9965, 34.6387, 63.8729

Deuteranopia

35.4507, 34.7194, 59.4766



Tritanopia

34.4223, 34.3397, 41.3732

Trichromacy



Original Color

38.3033, 34.4826, 59.8953

Protanomaly

36.0926, 34.4875, 62.5121

Deuteranomaly

36.3138, 34.4262, 59.3746

Tritanomaly

35.6764, 34.3620, 47.4000

Monochromacy



Original Color

38.3033, 34.4826, 59.8953

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.6193, 35.3555, 46.0213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3033, 34.4826, 59.8953 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(172, 149, 201)` looks like.

```
.text, #text, p{  
    color:rgb(172, 149, 201)  
}
```

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(172, 149, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 149, 201) }
```

Border

The CSS property to change the border of an element to XYZ 38.3033, 34.4826, 59.8953 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(172, 149, 201) }
```


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

```
.border{ border-color:rgb(172, 149, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 149, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 149, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 149, 201);  
box-shadow:4px 4px 4px 4px rgb(172, 149,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3033, 34.4826, 59.8953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 149, 201) }
```

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

```
.background{ background-color: rgb(172,  
149, 201) }
```

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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