

Converting Colors

XYZ(38.2745, 37.4464, 59.8542)

Have a look what the booklet for
XYZ(38.2745, 37.4464, 59.8542)
contains.

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Color

**XYZ(38.2745, 37.4464,
59.8542)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A1C8
RGB	163, 161, 200
RGB Percent	64%, 63%, 78%
CMY	0.3608, 0.3686, 0.2157
CMYK	0.18, 0.19, 0.00, 0.22
HSL	243°, 26%, 71%
HSV	243°, 19%, 78%
XYZ	38.2745, 37.4464, 59.8542
YIQ	166.0440, -11.3270, 12.5530

Conversions

Conversions Part 2

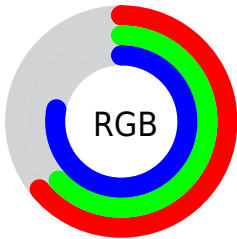
Format	Color
R_{YB}	163, 161, 200
Decimal	10723784
CIE _{Lab}	67.61, 8.84, -19.68
CIE _{LCh}	68, 21.572, 294.182
Y _{xy}	37.4464, 0.2823, 0.2762
Android (android.graphics.Color)	4288913864 (0xFFA3A1C8)
YUV	166.0440, 16.7403, -2.6696
Hunter-Lab	61.1935, 4.5573, -15.1570

Details

The XYZ color **38.2745, 37.4464, 59.8542** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.3771, 55.8884, 41.8522**, and the grayscale version is **36.1933, 38.0782, 41.4671**.

A 20% lighter version of the original color is **71.5193, 71.2372, 104.5884**, and **17.3198, 16.6067, 29.4867** is the 20% darker color. If you saturate the color by 10%, you get **31.4572, 29.1527, 58.6133**, and if you desaturate by 10%, it is **46.2361, 47.1617, 61.3104**.

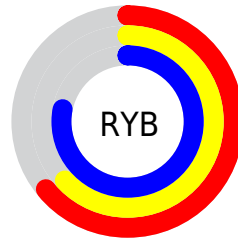
Distribution



Red (64%)

Green (63%)

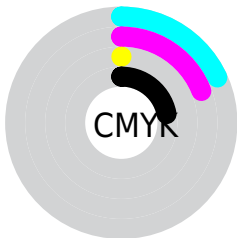
Blue (78%)



Red (64%)

Yellow (63%)

Blue (78%)

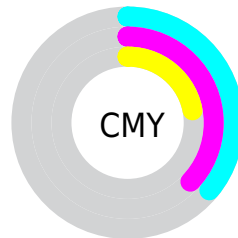


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2745, 37.4464, 59.8542 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 38.2745, 37.4464, 59.8542 by changing the saturation by 10% instead.

■ 38.2745, 37.4464,
59.8542

■ 38.2745, 37.4464,
59.8542

330.0566,
335.2392, 441.8499

■ 26.3740, 25.5533,
42.8766

■ 71.8299, 71.2588,
106.1594

■ 17.2378, 16.4898,
29.4576

■ 94.2154, 93.9469,
136.3242

■ 10.5005, 9.8714,
19.1787

120.8267,
121.0022, 171.7217

■ 5.7969, 5.3138,
11.6214

152.0291,
152.8089, 212.7705

■ 2.7614, 2.4325,
6.3670

188.1879,
189.7516, 259.8892

■ 1.0289, 0.8425,
2.9971

229.6685,

■ 0.0000, 0.0000,

232.2146, 313.4963

1.0932

276.8363,
280.5824, 374.0103

■ 0.0000, 0.0000,
0.0000

■ 38.2745, 37.4464,
59.8542

■ 38.2745, 37.4464,
59.8542

■ 31.4572, 29.1527,
58.6133

■ 46.2361, 47.1617,
61.3104

■ 25.7283, 22.2097,
57.5751

■ 55.3876, 58.3561,
62.9888

■ 21.0325, 16.5471,
56.7296

■ 65.7761, 71.0894,
64.8991

■ 17.3082, 12.0867,
56.0649

■ 77.4456, 85.4168,
67.0495

■ 14.4871, 8.7415,
55.5679

■ 87.4254, 96.9502,
68.7497

■ 12.4925, 6.4130,
55.2236

■ 11.2343, 4.9853,
55.0144

■ 10.5770, 4.2645,
54.9099

■ 10.5538, 4.2363,
54.9057

Harmonies

Analogous

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



34.9477, 37.4464, 61.8284



38.2745, 37.4464, 59.8542



41.0299, 37.4464, 52.4503

Triad

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



38.2745, 37.4464, 59.8542



39.4646, 37.4464, 27.6584



29.6044, 37.4464, 38.9452

Complementary

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



38.2745, 37.4464, 59.8542



50.3771, 55.8884, 41.8522

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.



30.6566, 37.4464, 30.9715



38.2745, 37.4464, 59.8542



36.2435, 37.4464, 25.1392

Square

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



38.2745, 37.4464, 59.8542



41.7464, 37.4464, 33.7250



33.0373, 37.4464, 26.2504



30.0737, 37.4464, 48.7398

Rectangle

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



38.2745, 37.4464, 59.8542



42.1019, 37.4464, 45.9686



33.0373, 37.4464, 26.2504



29.7897, 37.4464, 35.9840

Sweetspot

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



38.2757, 37.4479, 59.8550



85.2216, 87.9738, 107.0967



45.3299, 52.1592, 62.3228



18.0220, 18.5623, 22.8830



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.



38.2757, 37.4479, 59.8550



61.5168, 59.0488, 102.7630



42.5693, 39.6614, 60.0560



10.1061, 10.3130, 13.3754



6.7335, 2.7055, 34.9117



0.3368, 0.1374, 1.6539

Inverse Universe

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



46.7585, 41.8478, 59.0404



78.6287, 67.9258, 101.0572



45.5750, 53.4128, 41.6275



11.0587, 10.8069, 13.2925



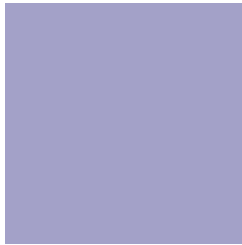
21.0478, 10.1687, 31.7912



1.0040, 0.4844, 1.5442

Previews

White Background



This preview shows how the XYZ color 38.2745, 37.4464, 59.8542 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 38.2745, 37.4464, 59.8542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

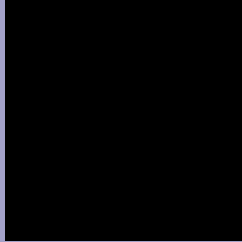
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2745, 37.4464, 59.8542

Background



This preview shows how black text looks on a background with the XYZ color 38.2745, 37.4464, 59.8542.



This preview shows how white text looks on a background with the XYZ color 38.2745, 37.4464,

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

38.2745, 37.4464, 59.8542

Protanopia

37.3501, 37.4794, 60.5240

Deuteranopia

38.2745, 37.4464, 59.8542



Tritanopia

35.7891, 37.4955, 47.4706

Trichromacy



Original Color

38.2745, 37.4464, 59.8542

Protanomaly

37.7610, 37.4286, 60.4926

Deuteranomaly

38.2745, 37.4464, 59.8542

Tritanomaly

36.6356, 37.5697, 51.7751

Monochromacy



Original Color

38.2745, 37.4464, 59.8542

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8284, 37.7646, 47.4677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2745, 37.4464, 59.8542 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(163, 161, 200)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 200)  
}
```

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(163, 161, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 200) }
```

Border

The CSS property to change the border of an element to XYZ 38.2745, 37.4464, 59.8542 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(163, 161, 200) }
```


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

```
.border{ border-color:rgb(163, 161, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 200);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2745, 37.4464, 59.8542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 200) }
```

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

```
.background{ background-color: rgb(163,  
161, 200) }
```

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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