

Converting Colors

XYZ(42.1196, 38.9408, 58.7225)

Have a look what the booklet for
XYZ(42.1196, 38.9408, 58.7225)
contains.

XYZ(42.1196, 38.9408, 58.7225)	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(42.1196, 38.9408,
58.7225)**

Conversions

Conversions Part 1

Format	Color
Hex	B79FC6
RGB	183, 159, 198
RGB Percent	72%, 62%, 78%
CMY	0.2823, 0.3765, 0.2235
CMYK	0.08, 0.20, 0.00, 0.22
HSL	277°, 25%, 70%
HSV	277°, 20%, 78%
XYZ	42.1196, 38.9408, 58.7225
YIQ	170.6220, 1.7850, 17.2170

Conversions

Conversions Part 2

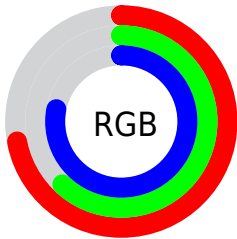
Format	Color
R_{YB}	183, 159, 198
Decimal	12033990
CIE _{Lab}	68.71, 16.08, -16.75
CIE _{LCh}	69, 23.215, 313.830
Yxy	38.9408, 0.3013, 0.2786
Android (android.graphics.Color)	4290224070 (0xFFB79FC6)
YUV	170.6220, 13.4974, 10.8555
Hunter-Lab	62.4026, 11.2769, -12.1117

Details

The XYZ color **42.1196, 38.9408, 58.7225** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.9091, 51.8911, 40.5046**, and the grayscale version is **38.4541, 40.4567, 44.0574**.

A 20% lighter version of the original color is **77.6932, 73.6639, 104.7314**, and **19.4977, 17.2748, 28.6923** is the 20% darker color. If you saturate the color by 10%, you get **37.2212, 31.7603, 57.5953**, and if you desaturate by 10%, it is **47.6638, 47.2659, 60.0378**.

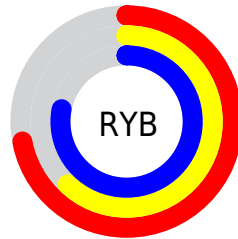
Distribution



Red (72%)

Green (62%)

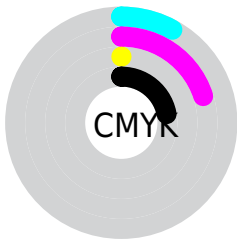
Blue (78%)



Red (72%)

Yellow (62%)

Blue (78%)

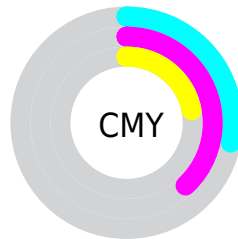


Cyan (8%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1196, 38.9408, 58.7225 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 42.1196, 38.9408, 58.7225 by changing the saturation by 10% instead.

■ 42.1196, 38.9408,
58.7225

■ 42.1196, 38.9408,
58.7225

345.9617,
341.6387, 437.5460

■ 29.3865, 26.7137,
41.9712

■ 77.6446, 73.5479,
104.4994

■ 19.5191, 17.3583,
28.7534

■ 101.1672, 96.6966,
134.3621

■ 12.1522, 10.4903,
18.6504

129.0171,
124.2547, 169.4324

■ 6.9204, 5.7252,
11.2437

161.5594,
156.6065, 210.1287

■ 3.4582, 2.6787,
6.1147

199.1597,
194.1364, 256.8697

■ 1.4005, 0.9664,
2.8451

242.1833,

■ 0.2566, 0.0000,

237.2288, 310.0739

1.0161

290.9955,
286.2681, 370.1598

■ 0.0000, 0.0000,
0.0000

■ 42.1196, 38.9408,
58.7225

■ 42.1196, 38.9408,
58.7225

■ 37.2212, 31.7603,
57.5953

■ 47.6638, 47.2659,
60.0378

■ 32.9376, 25.6669,
56.6449

■ 53.8759, 56.7798,
61.5467

■ 29.2404, 20.6052,
55.8628

■ 60.7813, 67.5304,
63.2579

■ 26.0973, 16.5133,
55.2386

■ 68.4030, 79.5614,
65.1784

■ 23.4725, 13.3220,
54.7610

■ 75.7966, 90.9821,
66.9931

■ 21.3256, 10.9529,
54.4168

■ 78.1696, 92.2054,
67.1042

■ 19.6090, 9.3133,
54.1909

■ 80.6491, 93.4837,
67.2202

■ 18.2363, 8.2334,
54.0548

■ 83.2366, 94.8176,
67.3413

■ 18.1969, 8.2033,
54.0510

■ 85.9332, 96.2077,
67.4675

Harmonies

Analogous

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



38.7254, 38.9408, 65.2190



42.1196, 38.9408, 58.7225



44.2152, 38.9408, 48.2837

Triad

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



42.1196, 38.9408, 58.7225



39.0132, 38.9408, 25.7946



30.5713, 38.9408, 47.4190

Complementary

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



42.1196, 38.9408, 58.7225



43.9091, 51.8911, 40.5046

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.



30.6371, 38.9408, 37.0146



42.1196, 38.9408, 58.7225



35.3500, 38.9408, 25.6414

Square

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



42.1196, 38.9408, 58.7225



42.3423, 38.9408, 29.8827



32.3351, 38.9408, 29.4225



32.1491, 38.9408, 57.9998

Rectangle

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



42.1196, 38.9408, 58.7225



44.5125, 38.9408, 41.0638



32.3351, 38.9408, 29.4225



30.4053, 38.9408, 43.7647

Sweetspot

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



42.1208, 38.9425, 58.7234



88.2298, 89.5246, 107.2375



39.7449, 41.9542, 59.4299



18.7317, 18.9282, 22.9162



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.



42.1208, 38.9425, 58.7234



70.4010, 62.7802, 103.0150



45.4368, 40.7032, 56.5604



10.6727, 10.6051, 13.4020



11.9317, 5.3853, 35.1549



0.6441, 0.2958, 1.6683

Inverse Universe

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



43.3282, 39.8598, 45.4565



73.0560, 64.7821, 74.5314



41.0955, 50.4009, 42.1676



10.7999, 10.7033, 11.9295



16.0361, 8.1640, 5.4001



0.7946, 0.4007, 0.4414

Previews

White Background



This preview shows how the XYZ color 42.1196, 38.9408, 58.7225 looks on a white background.

Color Contrast Check

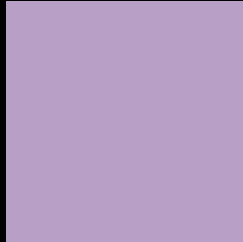
Large Text (above 18pt) WCAG AA × Fail

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 42.1196, 38.9408, 58.7225 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

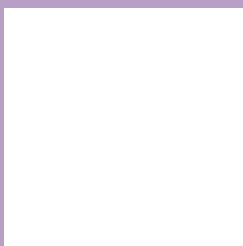
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1196, 38.9408, 58.7225

Background



This preview shows how black text looks on a background with the XYZ color 42.1196, 38.9408, 58.7225.



This preview shows how white text looks on a background with the XYZ color 42.1196, 38.9408,

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

42.1196, 38.9408, 58.7225

Protanopia

38.9129, 39.0578, 61.9879

Deuteranopia

39.9311, 39.1282, 58.2712



Tritanopia

39.7561, 39.0323, 46.5129

Trichromacy



Original Color

42.1196, 38.9408, 58.7225

Protanomaly

39.7883, 38.7363, 60.6381

Deuteranomaly

40.6776, 38.9858, 58.2044

Tritanomaly

40.6281, 39.1251, 50.7580

Monochromacy



Original Color

42.1196, 38.9408, 58.7225

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8384, 40.0876, 49.3540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1196, 38.9408, 58.7225 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(183, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 198)  
}
```

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(183, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.1196, 38.9408, 58.7225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

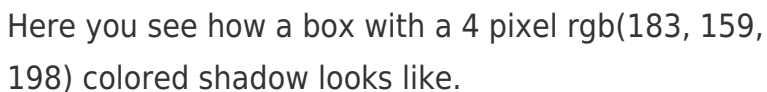
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 159, 198) }
```


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

```
.border{ border-color:rgb(183, 159, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 159, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 159, 198); box-shadow:4px 4px 4px 4px rgb(183, 159, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1196, 38.9408, 58.7225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 198) }
```

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

```
.background{ background-color: rgb(183,  
159, 198) }
```

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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