

Converting Colors

XYZ(43.2078, 42.1852, 58.0898)

Have a look what the booklet for
XYZ(43.2078, 42.1852, 58.0898)
contains.

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Color

**XYZ(43.2078, 42.1852,
58.0898)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A9C4
RGB	181, 169, 196
RGB Percent	71%, 66%, 77%
CMY	0.2902, 0.3372, 0.2314
CMYK	0.08, 0.14, 0.00, 0.23
HSL	267°, 19%, 72%
HSV	267°, 14%, 77%
XYZ	43.2078, 42.1852, 58.0898
YIQ	175.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

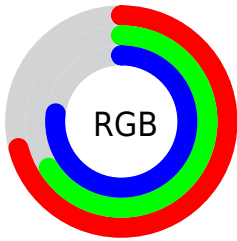
Format	Color
R _Y B	181, 169, 196
Decimal	11905476
CIE Lab	71.00, 9.46, -12.21
CIE LCh	71, 15.448, 307.765
Yxy	42.1852, 0.3011, 0.2940
Android (android.graphics.Color)	4290095556 (0xFFB5A9C4)
YUV	175.6660, 10.0247, 4.6779
Hunter-Lab	64.9501, 5.0836, -7.5624

Details

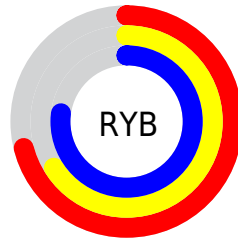
The XYZ color **43.2078, 42.1852, 58.0898** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.6701, 52.5359, 45.2188**, and the grayscale version is **41.0441, 43.1816, 47.0248**.

A 20% lighter version of the original color is **79.3103, 78.4077, 103.8826**, and **20.1459, 19.2648, 28.2479** is the 20% darker color. If you saturate the color by 10%, you get **37.3771, 34.1670, 56.8501**, and if you desaturate by 10%, it is **49.7872, 51.4030, 59.5229**.

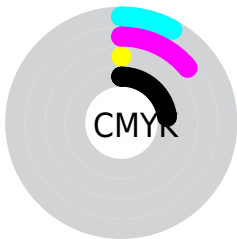
Distribution



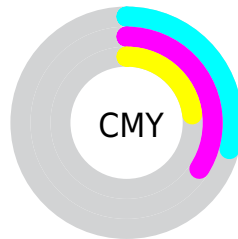
- Red (71%)
- Green (66%)
- Blue (77%)



- Red (71%)
- Yellow (66%)
- Blue (77%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (29%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2078, 42.1852, 58.0898 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 43.2078, 42.1852, 58.0898 by changing the saturation by 10% instead.

■ 43.2078, 42.1852,
58.0898

■ 43.2078, 42.1852,
58.0898

350.3727,
355.2501, 435.1281

■ 30.2434, 29.2463,
41.4657

■ 79.2781, 78.4798,
103.5697

■ 20.1724, 19.2672,
28.3607

■ 103.1147,
102.6044, 133.2625

■ 12.6294, 11.8635,
18.3563

131.3062,
131.2263, 168.1487

■ 7.2491, 6.6508,
11.0340

164.2177,
164.7300, 208.6467

■ 3.6661, 3.2447,
5.9753

202.2148,
203.4998, 255.1751

■ 1.5150, 1.2608,
2.7615

245.6628,

■ 0.3360, 0.1105,

247.9202, 308.1524

0.9742

294.9270,
298.3755, 367.9972

■ 0.0000, 0.0000,
0.0000

■ 43.2078, 42.1852,
58.0898

■ 43.2078, 42.1852,
58.0898

■ 37.3771, 34.1670,
56.8501

■ 49.7872, 51.4030,
59.5229

■ 32.2626, 27.2923,
55.7927

■ 57.1387, 61.8629,
61.1544

■ 27.8347, 21.5084,
54.9097

■ 65.2892, 73.6116,
62.9925

■ 24.0603, 16.7560,
54.1913

■ 74.2632, 86.6919,
65.0443

■ 20.9032, 12.9702,
53.6270

■ 80.1340, 93.2446,
65.9997

■ 18.3231, 10.0785,
53.2048

■ 83.8497, 95.1601,
66.1736

■ 16.2741, 7.9975,
52.9111

■ 86.9639, 96.7656,
66.3193

■ 14.7019, 6.6269,
52.7294

■ 13.9039, 6.0167,
52.6537

Harmonies

Analogous

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



40.7690, 42.1852, 61.4780



43.2078, 42.1852, 58.0898



44.8598, 42.1852, 51.5148

Triad

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



43.2078, 42.1852, 58.0898



42.0003, 42.1852, 34.0085



35.3835, 42.1852, 47.8768

Complementary

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



43.2078, 42.1852, 58.0898



46.6701, 52.5359, 45.2188

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.



35.6815, 42.1852, 40.7688



43.2078, 42.1852, 58.0898



39.4299, 42.1852, 33.2569

Square

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



43.2078, 42.1852, 58.0898



44.1421, 42.1852, 37.7777



37.1369, 42.1852, 35.6021



36.3046, 42.1852, 55.1837

Rectangle

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



43.2078, 42.1852, 58.0898



45.2540, 42.1852, 46.4881



37.1369, 42.1852, 35.6021



35.3452, 42.1852, 45.3813

Sweetspot

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



43.2091, 42.1870, 58.0907



89.8276, 92.6048, 107.7478



43.5304, 46.8278, 58.9696



19.0221, 19.5325, 23.0175



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.



43.2091, 42.1870, 58.0907



74.4335, 71.1069, 104.4097



46.4525, 43.8590, 58.2425



9.9437, 9.9621, 12.6836



9.0296, 3.9153, 33.8364



0.4693, 0.2100, 1.4657

Inverse Universe

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



45.6061, 43.5742, 51.3564



79.7980, 74.2129, 89.2742



43.6539, 50.9810, 45.0777



10.3022, 10.1695, 11.6818



16.4415, 8.2664, 10.2371



0.7446, 0.3709, 0.6227

Previews

White Background



This preview shows how the XYZ color 43.2078, 42.1852, 58.0898 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 43.2078, 42.1852, 58.0898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

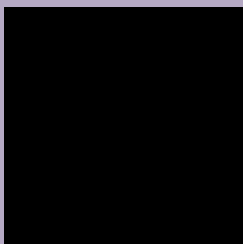
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2078, 42.1852, 58.0898

Background



This preview shows how black text looks on a background with the XYZ color 43.2078, 42.1852, 58.0898.



This preview shows how white text looks on a background with the XYZ color 43.2078, 42.1852,

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

43.2078, 42.1852, 58.0898

Protanopia

41.5231, 42.1283, 59.3692

Deuteranopia

42.9742, 42.0648, 58.0789



Tritanopia

41.8050, 42.1702, 51.2837

Trichromacy



Original Color

43.2078, 42.1852, 58.0898

Protanomaly

42.0965, 42.1557, 58.7415

Deuteranomaly

42.9742, 42.0648, 58.0789

Tritanomaly

42.2742, 42.0836, 53.4718

Monochromacy



Original Color

43.2078, 42.1852, 58.0898

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8509, 42.7710, 50.8496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2078, 42.1852, 58.0898 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(181, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(181, 169, 196)  
}
```

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(181, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 169, 196) }
```

Border

The CSS property to change the border of an element to XYZ 43.2078, 42.1852, 58.0898 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(181, 169, 196) }
```


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

```
.border{ border-color:rgb(181, 169, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 169, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 169, 196);  
box-shadow:4px 4px 4px 4px rgb(181, 169,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2078, 42.1852, 58.0898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 169, 196) }
```

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

```
.background{ background-color: rgb(181,  
169, 196) }
```

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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