

Converting Colors

XYZ(43.1923, 35.8941, 58.0778)

Have a look what the booklet for
XYZ(43.1923, 35.8941, 58.0778)
contains.

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Color

**XYZ(43.1923, 35.8941,
58.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	C590C6
RGB	197, 144, 198
RGB Percent	77%, 56%, 78%
CMY	0.2274, 0.4353, 0.2235
CMYK	0.01, 0.27, 0.00, 0.22
HSL	299°, 32%, 67%
HSV	299°, 27%, 78%
XYZ	43.1923, 35.8941, 58.0778
YIQ	166.0030, 14.2540, 28.0300

Conversions

Conversions Part 2

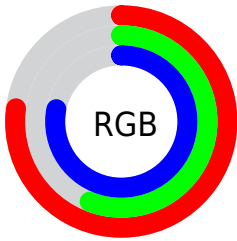
Format	Color
R_{YB}	197, 144, 198
Decimal	12947654
CIE _{Lab}	66.44, 29.07, -20.06
CIE _{LCh}	66, 35.319, 325.387
Yxy	35.8941, 0.3149, 0.2617
Android (android.graphics.Color)	4291137734 (0xFFC590C6)
YUV	166.0030, 15.7745, 27.1844
Hunter-Lab	59.9117, 23.8411, -15.5370

Details

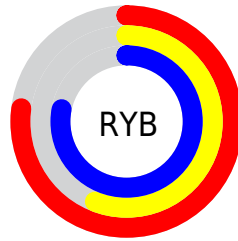
The XYZ color **43.1923, 35.8941, 58.0778** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.9064, 48.4224, 33.7887**, and the grayscale version is **36.1693, 38.0529, 41.4397**.

A 20% lighter version of the original color is **79.1171, 68.6790, 103.6942**, and **20.1037, 15.5931, 28.3357** is the 20% darker color. If you saturate the color by 10%, you get **40.3569, 30.3650, 57.1605**, and if you desaturate by 10%, it is **46.5561, 42.4783, 59.1719**.

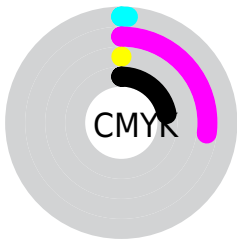
Distribution



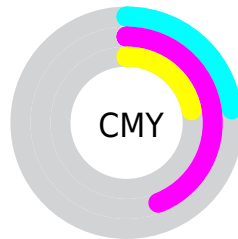
- Red (77%)
- Green (56%)
- Blue (78%)



- Red (77%)
- Yellow (56%)
- Blue (78%)



- Cyan (1%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)





- Cyan (23%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1923, 35.8941, 58.0778 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 43.1923, 35.8941, 58.0778 by changing the saturation by 10% instead.


 43.1923, 35.8941,
58.0778


 43.1923, 35.8941,
58.0778


350.3101,
328.4974, 435.0821

 30.2312, 24.3524,
41.4561


 79.2549, 68.8686,
103.5520

 20.1631, 15.5953,
28.3532


 103.0871, 91.0702,
133.2416

 12.6226, 9.2382,
18.3508


131.2736,
117.5938, 168.1243

 7.2444, 4.8969,
11.0301

164.1800,
148.8240, 208.6185

 3.6631, 2.1869,
5.9726

202.1715,
185.1451, 255.1429

 1.5134, 0.7128,
2.7599

245.6134,

 0.3349, 0.0000,

226.9414, 308.1159

0.9734

294.8712,
274.5974, 367.9561

■ 0.0000, 0.0000,
0.0000

■ 43.1923, 35.8941,
58.0778

■ 43.1923, 35.8941,
58.0778

■ 40.3569, 30.3650,
57.1605

■ 46.5561, 42.4783,
59.1719

■ 38.0191, 25.8313,
56.4087

■ 50.4704, 50.1639,
60.4491

■ 36.1501, 22.2348,
55.8130

■ 54.9601, 59.0000,
61.9180

■ 34.7166, 19.5090,
55.3624

■ 60.0476, 69.0315,
63.5861

■ 33.6811, 17.5790,
55.0444

■ 65.7543, 80.3008,
65.4605

■ 32.9999, 16.3571,
54.8445

■ 69.5595, 87.7668,
66.7011

■ 32.6121, 15.7217,
54.7423

■ 69.6569, 87.8170,
66.7056

■ 32.5277, 15.5911,
54.7215

■ 69.7547, 87.8674,
66.7102

■ 69.8526, 87.9179,
66.7148

Harmonies

Analogous

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



38.6662, 35.8941, 71.7549



43.1923, 35.8941, 58.0778



45.2941, 35.8941, 41.4729

Triad

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



43.1923, 35.8941, 58.0778



34.9410, 35.8941, 16.6412



25.7262, 35.8941, 52.9515

Complementary

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



43.1923, 35.8941, 58.0778



36.9064, 48.4224, 33.7887

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.



24.9476, 35.8941, 36.7859



43.1923, 35.8941, 58.0778



29.9380, 35.8941, 18.2281

Square

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



43.1923, 35.8941, 58.0778



40.2272, 35.8941, 19.6739



26.4100, 35.8941, 24.7592



28.6578, 35.8941, 68.2987

Rectangle

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



43.1923, 35.8941, 58.0778



44.8946, 35.8941, 31.8505



26.4100, 35.8941, 24.7592



25.2178, 35.8941, 47.3340

Sweetspot

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



43.1934, 35.8957, 58.0786



88.7452, 87.5963, 106.8382



31.9443, 30.5045, 57.6309



18.7575, 18.2822, 22.7901



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.



43.1934, 35.8957, 58.0786



73.2539, 57.2550, 101.7982



40.7866, 34.9633, 44.0340



11.0630, 10.8062, 13.4202



21.1619, 10.1436, 35.5869



1.0083, 0.4836, 1.6853

Inverse Universe

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



38.3740, 33.9982, 31.3294



63.2602, 53.3234, 46.1934



38.8772, 49.1904, 45.0817



10.6417, 10.6401, 11.0965



15.1618, 7.8143, 0.7959



0.7207, 0.3711, 0.0526

Previews

White Background



This preview shows how the XYZ color 43.1923, 35.8941, 58.0778 looks on a white background.

Color Contrast Check

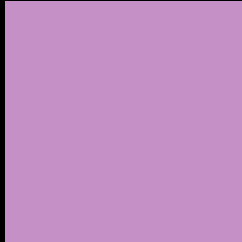
Large Text (above 18pt) WCAG AA × Fail

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 43.1923, 35.8941, 58.0778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

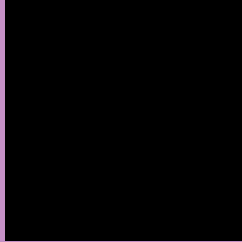
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1923, 35.8941, 58.0778

Background



This preview shows how black text looks on a background with the XYZ color 43.1923, 35.8941, 58.0778.



This preview shows how white text looks on a background with the XYZ color 43.1923, 35.8941,

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

43.1923, 35.8941, 58.0778

Protanopia

36.4739, 36.1346, 65.3739

Deuteranopia

36.7751, 35.9709, 56.6346



Tritanopia

39.3264, 35.9483, 39.0484

Trichromacy



Original Color

43.1923, 35.8941, 58.0778

Protanomaly

38.3009, 35.6260, 62.6154

Deuteranomaly

38.8106, 35.7667, 57.0827

Tritanomaly

40.5759, 35.7443, 45.3182

Monochromacy



Original Color

43.1923, 35.8941, 58.0778

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.3942, 37.0152, 47.2405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1923, 35.8941, 58.0778 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(197, 144, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 144, 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(197, 144, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 144, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.1923, 35.8941, 58.0778 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(197, 144, 198) }
```


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

```
.border{ border-color:rgb(197, 144, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 144, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 144, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 144, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 144,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1923, 35.8941, 58.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 144, 198) }
```

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

```
.background{ background-color: rgb(197,  
144, 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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