

Converting Colors

XYZ(41.7120, 39.6998, 53.4379)

Have a look what the booklet for
XYZ(41.7120, 39.6998, 53.4379)
contains.

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Color

**XYZ(41.6341, 39.5821,
53.5899)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A2BD
RGB	183, 162, 189
RGB Percent	72%, 64%, 74%
CMY	0.2823, 0.3647, 0.2588
CMYK	0.03, 0.14, 0.00, 0.26
HSL	287°, 17%, 69%
HSV	287°, 14%, 74%
XYZ	41.6341, 39.5821, 53.5899
YIQ	171.3570, 3.8490, 12.8490

Conversions

Conversions Part 2

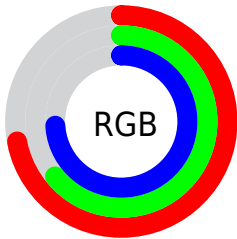
Format	Color
RYB	183, 162, 189
Decimal	12034749
CIELab	69.17, 12.61, -11.06
CIELCh	69, 16.777, 318.749
Yxy	39.5821, 0.3088, 0.2936
Android (android.graphics.Color)	4290224829 (0xFFB7A2BD)
YUV	171.3570, 8.6980, 10.2109
Hunter-Lab	62.9143, 8.0239, -6.4627

Details

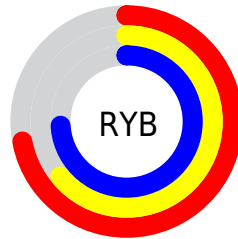
The XYZ color **41.6341, 39.5821, 53.5899** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.8691, 47.3297, 41.1660**, and the grayscale version is **38.8454, 40.8684, 44.5057**.

A 20% lighter version of the original color is **76.8909, 74.5690, 96.7269**, and **19.2258, 17.6753, 25.6909** is the 20% darker color. If you saturate the color by 10%, you get **37.5680, 32.9104, 52.5170**, and if you desaturate by 10%, it is **46.2328, 47.2733, 54.8327**.

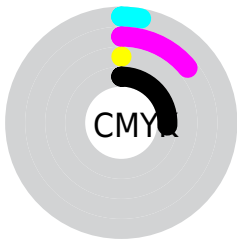
Distribution



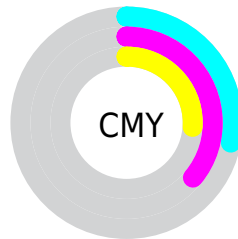
- Red (72%)
- Green (64%)
- Blue (74%)



- Red (72%)
- Yellow (64%)
- Blue (74%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6341, 39.5821, 53.5899 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 41.6341, 39.5821, 53.5899 by changing the saturation by 10% instead.

■ 41.6341, 39.5821,
53.5899

■ 41.6341, 39.5821,
53.5899

343.9814,
344.3590, 417.6746

■ 29.0047, 27.2129,
37.8829

■ 76.9142, 74.5267,
96.9222

■ 19.2287, 17.7332,
25.5907

■ 100.2956, 97.8709,
125.3845

■ 11.9406, 10.7586,
16.2947

127.9918,
125.6422, 158.9358

■ 6.7752, 5.9047,
9.5763

160.3681,
158.2250, 197.9945

■ 3.3670, 2.7872,
5.0171

197.7899,
196.0037, 242.9792

■ 1.3507, 1.0217,
2.1984

240.6224,

■ 0.2207, 0.0000,

239.3626, 294.3084

0.6734

289.2311,
288.6863, 352.4007

■ 0.0000, 0.0000,
0.0000

■ 41.6341, 39.5821,
53.5899

■ 41.6341, 39.5821,
53.5899

■ 37.5680, 32.9104,
52.5170

■ 46.2328, 47.2733,
54.8327

■ 34.0084, 27.2085,
51.6041

■ 51.3816, 56.0208,
56.2497

■ 30.9323, 22.4301,
50.8439

■ 57.1016, 65.8657,
57.8485

■ 28.3134, 18.5231,
50.2278

■ 63.4118, 76.8456,
59.6353

■ 26.1229, 15.4300,
49.7462

■ 69.8481, 88.0320,
61.4552

■ 24.3283, 13.0866,
49.3885

■ 71.0151, 88.6336,
61.5098

■ 22.8925, 11.4185,
49.1422

■ 72.2134, 89.2513,
61.5659

■ 21.7701, 10.3362,
48.9924

■ 73.4432, 89.8853,
61.6235

■ 21.2176, 9.8770,
48.9329

■ 74.7047, 90.5356,
61.6825

Harmonies

Analogous

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



39.3039, 39.5821, 58.6535



41.6341, 39.5821, 53.5899



42.9103, 39.5821, 46.0449

Triad

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



41.6341, 39.5821, 53.5899



38.6369, 39.5821, 30.1734



32.9459, 39.5821, 48.0226

Complementary

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



41.6341, 39.5821, 53.5899



40.8691, 47.3297, 41.1660

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.



32.7863, 39.5821, 40.2800



41.6341, 39.5821, 53.5899



35.9880, 39.5821, 30.5693

Square

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



41.6341, 39.5821, 53.5899



41.1259, 39.5821, 32.9192



33.8756, 39.5821, 34.0738



34.3222, 39.5821, 55.1850

Rectangle

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



41.6341, 39.5821, 53.5899



42.9530, 39.5821, 40.8901



33.8756, 39.5821, 34.0738



32.7507, 39.5821, 45.3843

Sweetspot

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



41.6353, 39.5838, 53.5908



82.9940, 84.9894, 98.2566



38.1453, 39.4735, 53.7534



17.7062, 18.0383, 21.0911



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6353, 39.5838, 53.5908



72.2936, 67.1354, 95.3743



42.3307, 40.0304, 49.6443



9.7169, 9.5864, 12.0104



14.3434, 6.6804, 32.9264



0.6140, 0.2886, 1.2922

Inverse Universe

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



40.9759, 39.4884, 42.5101



70.9242, 66.9507, 71.7586



40.2796, 46.9497, 44.5756



9.6147, 9.5702, 10.3598



14.4256, 7.4014, 2.2690



0.5904, 0.3000, 0.2221

Previews

White Background



This preview shows how the XYZ color 41.6341, 39.5821, 53.5899 looks on a white background.

Color Contrast Check

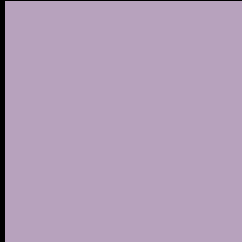
Large Text (above 18pt) WCAG AA × Fail

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 41.6341, 39.5821, 53.5899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

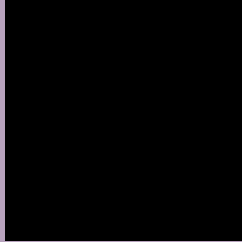
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6341, 39.5821, 53.5899

Background



This preview shows how black text looks on a background with the XYZ color 41.6341, 39.5821, 53.5899.



This preview shows how white text looks on a background with the XYZ color 41.6341, 39.5821,

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

41.6341, 39.5821, 53.5899

Protanopia

39.1453, 39.8549, 56.0817

Deuteranopia

40.3653, 39.4551, 53.6322



Tritanopia

40.2673, 39.5490, 47.1064

Trichromacy



Original Color

41.6341, 39.5821, 53.5899

Protanomaly

40.1639, 39.8489, 55.4439

Deuteranomaly

40.8729, 39.4522, 53.6049

Tritanomaly

40.7291, 39.4757, 49.1890

Monochromacy



Original Color

41.6341, 39.5821, 53.5899

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.7177, 40.3336, 47.8113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6341, 39.5821, 53.5899 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, 162, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 162, 189)  
}
```

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, 162, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 162, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.6341, 39.5821, 53.5899 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, 162, 189) }
```


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

```
.border{ border-color:rgb(183, 162, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 162, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 162, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 162, 189); box-shadow:4px 4px 4px 4px rgb(183, 162, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6341, 39.5821, 53.5899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 162, 189) }
```

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

```
.background{ background-color: rgb(183,  
162, 189) }
```

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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