

Converting Colors

XYZ(35.6700, 32.1853, 39.9297)

Have a look what the booklet for
XYZ(35.6700, 32.1853, 39.9297)
contains.

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Color

**XYZ(35.6700, 32.1853,
39.9297)**

Conversions

Conversions Part 1

Format	Color
Hex	B58FA5
RGB	181, 143, 165
RGB Percent	71%, 56%, 65%
CMY	0.2902, 0.4392, 0.3529
CMYK	0.00, 0.21, 0.09, 0.29
HSL	325°, 20%, 64%
HSV	325°, 21%, 71%
XYZ	35.6700, 32.1853, 39.9297
YIQ	156.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

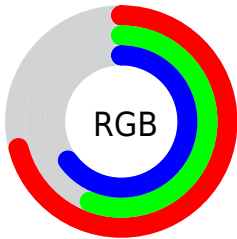
Format	Color
R_{YB}	181, 143, 165
Decimal	11898789
CIE _{Lab}	63.50, 18.00, -6.09
CIE _{LCh}	63, 19.004, 341.297
Yxy	32.1853, 0.3309, 0.2986
Android (android.graphics.Color)	4290088869 (0xFFB58FA5)
YUV	156.8700, 4.0081, 21.1620
Hunter-Lab	56.7321, 12.9498, -2.0176

Details

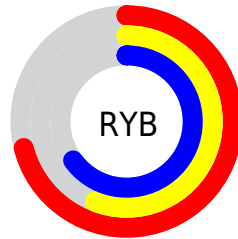
The XYZ color **35.6700, 32.1853, 39.9297** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1108, 41.3914, 38.9942**, and the grayscale version is **31.9678, 33.6326, 36.6259**.

A 20% lighter version of the original color is **67.8096, 63.1043, 76.3166**, and **15.7099, 13.4357, 17.3881** is the 20% darker color. If you saturate the color by 10%, you get **32.4960, 26.9142, 35.5506**, and if you desaturate by 10%, it is **39.3257, 38.3526, 44.6741**.

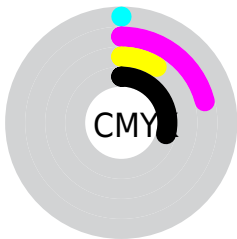
Distribution



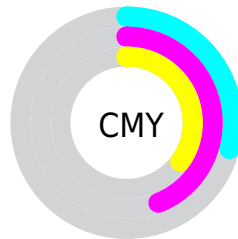
- Red (71%)
- Green (56%)
- Blue (65%)



- Red (71%)
- Yellow (56%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (29%)





- Cyan (29%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6700, 32.1853, 39.9297 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 35.6700, 32.1853, 39.9297 by changing the saturation by 10% instead.

 35.6700, 32.1853,
39.9297

 35.6700, 32.1853,
39.9297

318.9723,
311.9625, 361.3705

 24.3484, 21.5031,
27.1704


 67.8496, 63.1015,
76.2924

 15.7184, 13.4922,
17.4676


 89.4383, 84.1042,
100.7328

 9.4147, 7.7684,
10.4030


115.1801,
109.3159, 129.9040

 5.0719, 3.9471,
5.5579

145.4403,
139.1209, 164.2245

 2.3247, 1.6440,
2.5138

180.5842,
173.9037, 204.1128

 0.8073, 0.3870,
0.8474

220.9773,

 0.0000, 0.0000,

214.0486, 249.9876

0.0000

266.9849,
259.9401, 302.2673

■ 35.6700, 32.1853,
39.9297

■ 35.6700, 32.1853,
39.9297

■ 32.4960, 26.9142,
35.5506

■ 39.3257, 38.3526,
44.6741

■ 29.7790, 22.4927,
31.5240

■ 43.4805, 45.4513,
49.7919

■ 27.4967, 18.8765,
27.8391

■ 48.1543, 53.5199,
55.2936

■ 25.6234, 16.0157,
24.4837

■ 53.3654, 62.5933,
61.1883

■ 24.1306, 13.8546,
21.4444

■ 59.1307, 72.7049,
67.4851

■ 22.9859, 12.3296,
18.7066

■ 65.4668, 83.8863,
74.1925

■ 22.1512, 11.3655,
16.2534

■ 67.5173, 86.4243,
79.6948

■ 21.5949, 10.8393,
14.2605

■ 68.5401, 86.8334,
85.0810

■ 69.6095, 87.2611,
90.7121

Harmonies

Analogous

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



34.0747, 32.1853, 47.1767



35.6700, 32.1853, 39.9297



35.8589, 32.1853, 32.2657

Triad

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



35.6700, 32.1853, 39.9297



29.6049, 32.1853, 22.6051



26.9242, 32.1853, 45.5718

Complementary

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



35.6700, 32.1853, 39.9297



34.1108, 41.3914, 38.9942

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.



25.8664, 32.1853, 37.9781



35.6700, 32.1853, 39.9297



27.3535, 32.1853, 25.1937

Square

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



35.6700, 32.1853, 39.9297



32.2525, 32.1853, 22.9709



26.0189, 32.1853, 30.5746



28.9878, 32.1853, 50.7444

Rectangle

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



35.6700, 32.1853, 39.9297



35.1498, 32.1853, 28.0043



26.0189, 32.1853, 30.5746



26.4447, 32.1853, 43.1752

Sweetspot

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



35.6709, 32.1867, 39.9304



73.9572, 74.6949, 84.4090



32.4293, 30.3367, 47.8627



15.8829, 15.9703, 18.1181



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.6709, 32.1867, 39.9304



61.2654, 53.2735, 67.9635



34.0809, 31.5507, 31.5575



8.6957, 8.5850, 9.8959



14.9222, 7.4864, 10.0162



0.4979, 0.2469, 0.4645

Inverse Universe

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



35.6709, 32.1867, 39.9304



61.2654, 53.2735, 67.9635



35.8717, 42.0957, 48.2669



8.6957, 8.5850, 9.8959



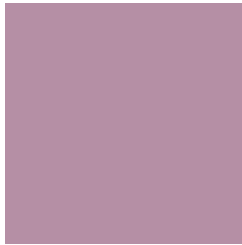
14.9222, 7.4864, 10.0162



0.4979, 0.2469, 0.4645

Previews

White Background



This preview shows how the XYZ color 35.6700, 32.1853, 39.9297 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 35.6700, 32.1853, 39.9297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

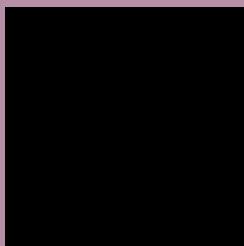
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6700, 32.1853, 39.9297

Background



This preview shows how black text looks on a background with the XYZ color 35.6700, 32.1853, 39.9297.



This preview shows how white text looks on a background with the XYZ color 35.6700, 32.1853,

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

35.6700, 32.1853, 39.9297

Protanopia

31.6908, 32.3981, 43.1113

Deuteranopia

32.7581, 32.0677, 39.5851



Tritanopia

34.9485, 32.3544, 35.8555

Trichromacy



Original Color

35.6700, 32.1853, 39.9297

Protanomaly

33.0131, 32.1460, 42.0009

Deuteranomaly

33.7121, 32.0938, 39.5399

Tritanomaly

35.0537, 32.1530, 37.1595

Monochromacy



Original Color

35.6700, 32.1853, 39.9297

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.2993, 33.1015, 37.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6700, 32.1853, 39.9297 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, 143, 165)` looks like.

```
.text, #text, p{  
    color:rgb(181, 143, 165)  
}
```

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, 143, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 143, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.6700, 32.1853, 39.9297 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, 143, 165) }
```


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

```
.border{ border-color:rgb(181, 143, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 143, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 143, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 143, 165);  
box-shadow:4px 4px 4px 4px rgb(181, 143,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6700, 32.1853, 39.9297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 143, 165) }
```

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

```
.background{ background-color: rgb(181,  
143, 165) }
```

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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