

Converting Colors

XYZ(35.1663, 31.1960, 39.9053)

Have a look what the booklet for
XYZ(35.1663, 31.1960, 39.9053)
contains.

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Color

**XYZ(35.2257, 31.2965,
39.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	B58CA5
RGB	181, 140, 165
RGB Percent	71%, 55%, 65%
CMY	0.2902, 0.4510, 0.3529
CMYK	0.00, 0.23, 0.09, 0.29
HSL	323°, 22%, 63%
HSV	323°, 23%, 71%
XYZ	35.2257, 31.2965, 39.7816
YIQ	155.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

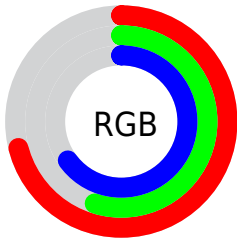
Format	Color
R_{YB}	181, 140, 165
Decimal	11898021
CIE _{Lab}	62.76, 19.68, -7.19
CIE _{LCh}	63, 20.953, 339.930
Yxy	31.2965, 0.3314, 0.2944
Android (android.graphics.Color)	4290088101 (0xFFB58CA5)
YUV	155.1090, 4.8763, 22.7064
Hunter-Lab	55.9433, 14.4950, -3.0012

Details

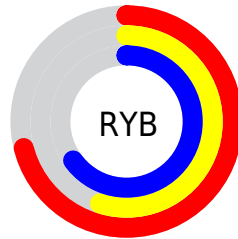
The XYZ color **35.2257, 31.2965, 39.7816** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.3411, 41.0244, 37.6156**, and the grayscale version is **31.1787, 32.8024, 35.7218**.

A 20% lighter version of the original color is **67.1351, 61.7554, 76.0917**, and **15.5389, 13.0938, 17.3311** is the 20% darker color. If you saturate the color by 10%, you get **32.1702, 26.1858, 35.6782**, and if you desaturate by 10%, it is **38.7536, 37.2942, 44.2184**.

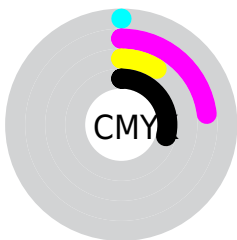
Distribution



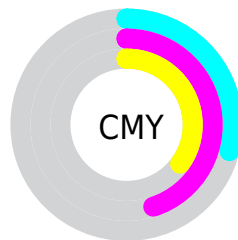
- Red (71%)
- Green (55%)
- Blue (65%)



- Red (71%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (29%)




- Cyan (29%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2257, 31.2965, 39.7816 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 35.2257, 31.2965, 39.7816 by changing the saturation by 10% instead.

 35.2257, 31.2965,
39.7816


 35.2257, 31.2965,
39.7816

317.0540,
307.9020, 360.7269


 24.0041, 20.8247,
27.0558


 67.1670, 61.7066,
76.0643

 15.4614, 12.9959,
17.3823


 88.6174, 82.4137,
100.4582

 9.2323, 7.4258,
10.3426


 114.2081,
107.3013, 129.5787

 4.9513, 3.7298,
5.5182

144.3045,
136.7540, 163.8441

 2.2532, 1.5236,
2.4904

179.2720,
171.1560, 203.6731

 0.7706, 0.3052,
0.8350

219.4758,

 0.0000, 0.0000,

210.8917, 249.4842

0.0000

265.2814,
256.3456, 301.6960

■ 35.2257, 31.2965,
39.7816

■ 35.2257, 31.2965,
39.7816

■ 32.1702, 26.1858,
35.6782

■ 38.7536, 37.2942,
44.2184

■ 29.5625, 21.9153,
31.8961

■ 42.7715, 44.2146,
48.9963

■ 27.3799, 18.4400,
28.4253

■ 47.2994, 52.0965,
54.1247

■ 25.5966, 15.7092,
25.2542

■ 52.3554, 60.9751,
59.6125

■ 24.1837, 13.6660,
22.3702

■ 57.9567, 70.8840,
65.4678

■ 23.1081, 12.2456,
19.7592

■ 64.1196, 81.8550,
71.6987

■ 22.3306, 11.3701,
17.4047

■ 67.0113, 86.2219,
77.0300

■ 21.8905, 10.9576,
15.8164

■ 67.9359, 86.5917,
81.8988

■ 68.9002, 86.9774,
86.9763

Harmonies

Analogous

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



33.4237, 31.2965, 47.6608



35.2257, 31.2965, 39.7816



35.5085, 31.2965, 31.4280

Triad

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



35.2257, 31.2965, 39.7816



28.8066, 31.2965, 20.7803



25.7194, 31.2965, 45.2375

Complementary

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



35.2257, 31.2965, 39.7816



33.3411, 41.0244, 37.6156

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.



24.6440, 31.2965, 36.8699



35.2257, 31.2965, 39.7816



26.3492, 31.2965, 23.3550

Square

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



35.2257, 31.2965, 39.7816



31.6769, 31.2965, 21.3035



24.8669, 31.2965, 28.9448



27.8960, 31.2965, 51.1446

Rectangle

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



35.2257, 31.2965, 39.7816



34.7797, 31.2965, 26.7963



24.8669, 31.2965, 28.9448



25.2237, 31.2965, 42.5688

Sweetspot

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



35.2266, 31.2979, 39.7823



73.2767, 73.4414, 83.8513



31.3754, 29.1336, 47.6863



15.7469, 15.7168, 18.0154



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.



35.2266, 31.2979, 39.7823



60.3585, 51.4647, 67.6464



33.5294, 30.6190, 30.8449



8.7067, 8.5894, 9.9539



15.1254, 7.5677, 11.0865



0.5035, 0.2492, 0.4942

Inverse Universe

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



35.2266, 31.2979, 39.7823



60.3585, 51.4647, 67.6464



35.1981, 41.7672, 47.3943



8.7067, 8.5894, 9.9539



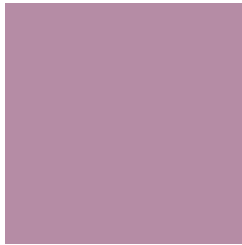
15.1254, 7.5677, 11.0865



0.5035, 0.2492, 0.4942

Previews

White Background



This preview shows how the XYZ color 35.2257, 31.2965, 39.7816 looks on a white background.

Color Contrast Check

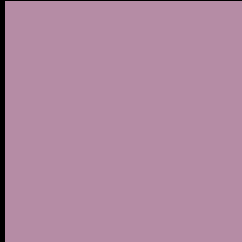
Large Text (above 18pt) WCAG AA × Fail

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 35.2257, 31.2965, 39.7816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

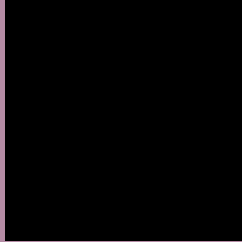
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2257, 31.2965, 39.7816

Background



This preview shows how black text looks on a background with the XYZ color 35.2257, 31.2965, 39.7816.



This preview shows how white text looks on a background with the XYZ color 35.2257, 31.2965,

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

35.2257, 31.2965, 39.7816

Protanopia

30.9074, 31.5013, 43.4811

Deuteranopia

32.1910, 31.5415, 39.5134



Tritanopia

34.0132, 31.2296, 34.3722

Trichromacy



Original Color

35.2257, 31.2965, 39.7816

Protanomaly

32.2931, 31.3091, 41.8773

Deuteranomaly

33.1884, 31.3662, 39.4270

Tritanomaly

34.4331, 31.1874, 36.1032

Monochromacy



Original Color

35.2257, 31.2965, 39.7816

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.4742, 32.2084, 37.3062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2257, 31.2965, 39.7816 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, 140, 165)` looks like.

```
.text, #text, p{  
    color:rgb(181, 140, 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, 140, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 140, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.2257, 31.2965, 39.7816 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, 140, 165) }
```


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

```
.border{ border-color:rgb(181, 140, 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, 140, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 140, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 140, 165);  
box-shadow:4px 4px 4px 4px rgb(181, 140,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2257, 31.2965, 39.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 140, 165) }
```

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

```
.background{ background-color: rgb(181,  
140, 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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