

Converting Colors

XYZ(35.1507, 28.7377, 39.9626)

Have a look what the booklet for
XYZ(35.1507, 28.7377, 39.9626)
contains.

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Color

**XYZ(35.0956, 28.7563,
39.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	BB80A6
RGB	187, 128, 166
RGB Percent	73%, 50%, 65%
CMY	0.2667, 0.4980, 0.3490
CMYK	0.00, 0.32, 0.11, 0.27
HSL	321°, 30%, 62%
HSV	321°, 32%, 73%
XYZ	35.0956, 28.7563, 39.7772
YIQ	149.9730, 22.9660, 24.3260

Conversions

Conversions Part 2

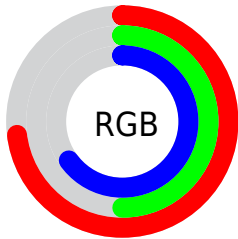
Format	Color
RYB	187, 128, 166
Decimal	12288166
CIELab	60.57, 28.68, -10.96
CIELCh	61, 30.706, 339.082
Yxy	28.7563, 0.3387, 0.2775
Android (android.graphics.Color)	4290478246 (0xFFBB80A6)
YUV	149.9730, 7.9013, 32.4727
Hunter-Lab	53.6249, 22.9784, -6.4420

Details

The XYZ color **35.0956, 28.7563, 39.7772** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.0984, 42.3005, 34.9086**, and the grayscale version is **28.9394, 30.4465, 33.1563**.

A 20% lighter version of the original color is **66.8832, 57.5013, 75.9803**, and **15.4345, 11.6502, 17.3548** is the 20% darker color. If you saturate the color by 10%, you get **32.2828, 24.0824, 35.9047**, and if you desaturate by 10%, it is **38.3912, 34.3444, 43.9672**.

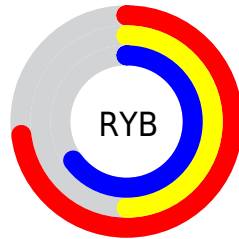
Distribution



Red (73%)

Green (50%)

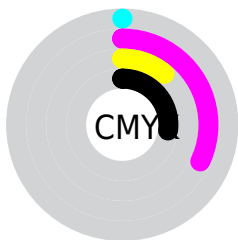
Blue (65%)



Red (73%)

Yellow (50%)

Blue (65%)

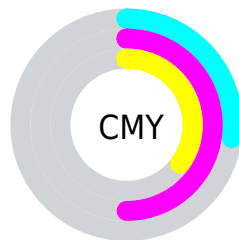


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (50%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0956, 28.7563, 39.7772 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 35.0956, 28.7563, 39.7772 by changing the saturation by 10% instead.


 35.0956, 28.7563,
39.7772


 35.0956, 28.7563,
39.7772


316.4907,
296.0634, 360.7077


 23.9034, 18.8965,
27.0524


 66.9669, 57.6897,
76.0575

 15.3863, 11.5955,
17.3798


 88.3767, 77.5321,
100.4501

 9.1790, 6.4689,
10.3408


 113.9230,
101.4708, 129.5690

 4.9162, 3.1323,
5.5170

143.9713,
129.8903, 163.8328

 2.2324, 1.2012,
2.4897

178.8868,
163.1749, 203.6601

 0.7597, 0.0627,
0.8347

219.0350,

 0.0000, 0.0000,

201.7090, 249.4693

0.0000

264.7812,
245.8770, 301.6790

■ 35.0956, 28.7563,
39.7772

■ 35.0956, 28.7563,
39.7772

■ 32.2828, 24.0824,
35.9047

■ 38.3912, 34.3444,
43.9672

■ 29.9251, 20.2692,
32.3373

■ 42.1904, 40.8887,
48.4829

■ 27.9957, 17.2636,
29.0638


■ 46.5157, 48.4333,
53.3345


■ 26.4638, 15.0048,
26.0716


■ 51.3875, 57.0182,
58.5309

■ 25.2945, 13.4237,
23.3466


■ 56.8253, 66.6814,
64.0808


 24.4460, 12.4377,
20.8722

 62.8473, 77.4590,
69.9923

 23.9105, 11.9316,
18.9516

 68.2126, 86.8684,
75.8538

 69.0730, 87.2126,
80.3848

 69.9685, 87.5708,
85.1003

Harmonies

Analogous

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



32.4293, 28.7563, 51.5176



35.0956, 28.7563, 39.7772



35.5788, 28.7563, 27.9868

Triad

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



35.0956, 28.7563, 39.7772



26.1453, 28.7563, 14.3117



21.8274, 28.7563, 47.2039

Complementary

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



35.0956, 28.7563, 39.7772



32.0984, 42.3005, 34.9086

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.



20.4695, 28.7563, 34.8879



35.0956, 28.7563, 39.7772



22.7989, 28.7563, 17.2285

Square

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



35.0956, 28.7563, 39.7772



30.1473, 28.7563, 15.0148



20.8071, 28.7563, 24.1399



24.6977, 28.7563, 56.4755

Rectangle

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



35.0956, 28.7563, 39.7772



34.5561, 28.7563, 21.8461



20.8071, 28.7563, 24.1399



21.1922, 28.7563, 43.1769

Sweetspot

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



35.0965, 28.7576, 39.7778



77.3363, 76.3118, 88.8646



29.0207, 25.3844, 50.3842



16.7913, 16.3892, 19.2959



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.



35.0965, 28.7576, 39.7778



59.2098, 45.4239, 66.2825



32.7183, 27.8064, 27.2547



9.7818, 9.6370, 11.2402



16.5098, 8.2351, 13.2440



0.6768, 0.3346, 0.6772

Inverse Universe

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



35.0965, 28.7576, 39.7778



59.2098, 45.4239, 66.2825



34.7243, 43.3509, 48.7365



9.7818, 9.6370, 11.2402



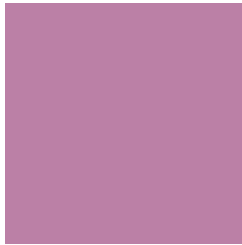
16.5098, 8.2351, 13.2440



0.6768, 0.3346, 0.6772

Previews

White Background



This preview shows how the XYZ color 35.0956, 28.7563, 39.7772 looks on a white background.

Color Contrast Check

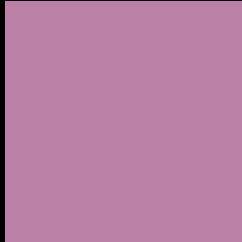
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0956, 28.7563, 39.7772 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 × Fail

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

XYZ 35.0956, 28.7563, 39.7772

Background



This preview shows how black text looks on a background with the XYZ color 35.0956, 28.7563, 39.7772.



This preview shows how white text looks on a background with the XYZ color 35.0956, 28.7563,

39.7772.

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

35.0956, 28.7563, 39.7772

Protanopia

28.7087, 28.9141, 45.6628

Deuteranopia

29.4207, 28.7627, 38.6514



Tritanopia

32.9009, 28.6459, 29.3863

Trichromacy



Original Color

35.0956, 28.7563, 39.7772

Protanomaly

30.4857, 28.5503, 43.4391

Deuteranomaly

31.1636, 28.5710, 38.9942

Tritanomaly

33.7098, 28.7813, 33.0568

Monochromacy



Original Color

35.0956, 28.7563, 39.7772

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.7780, 29.5328, 35.5307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0956, 28.7563, 39.7772 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(187, 128, 166)` looks like.

```
.text, #text, p{  
    color:rgb(187, 128, 166)  
}
```

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(187, 128, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 128, 166) }
```

Border

The CSS property to change the border of an element to XYZ 35.0956, 28.7563, 39.7772 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(187, 128, 166) }
```


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

```
.border{ border-color:rgb(187, 128, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 128, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 128, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 128, 166);  
box-shadow:4px 4px 4px 4px rgb(187, 128,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0956, 28.7563, 39.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 128, 166) }
```

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

```
.background{ background-color: rgb(187,  
128, 166) }
```

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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