

Converting Colors

XYZ(34.9060, 28.6254, 36.9110)

Have a look what the booklet for
XYZ(34.9060, 28.6254, 36.9110)
contains.

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Color

**XYZ(35.0506, 28.7952,
36.9684)**

Conversions

Conversions Part 1

Format	Color
Hex	BD80A0
RGB	189, 128, 160
RGB Percent	74%, 50%, 63%
CMY	0.2588, 0.4980, 0.3725
CMYK	0.00, 0.32, 0.15, 0.26
HSL	329°, 32%, 62%
HSV	329°, 32%, 74%
XYZ	35.0506, 28.7952, 36.9684
YIQ	149.8870, 26.0840, 22.8840

Conversions

Conversions Part 2

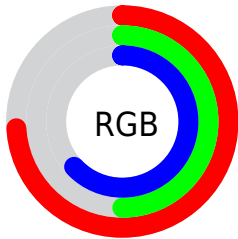
Format	Color
RYB	189, 128, 160
Decimal	12419232
CIELab	60.60, 28.38, -7.46
CIElCh	61, 29.344, 345.281
Yxy	28.7952, 0.3477, 0.2856
Android (android.graphics.Color)	4290609312 (0xFFBD80A0)
YUV	149.8870, 4.9857, 34.3021
Hunter-Lab	53.6612, 22.6863, -3.2834

Details

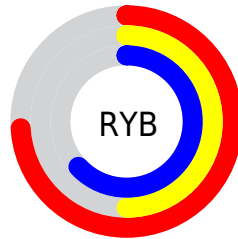
The XYZ color **35.0506, 28.7952, 36.9684** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.1867, 43.4195, 38.5319**, and the grayscale version is **28.9140, 30.4198, 33.1272**.

A 20% lighter version of the original color is **66.7957, 57.5469, 71.8771**, and **15.4764, 11.7038, 15.9114** is the 20% darker color. If you saturate the color by 10%, you get **32.0534, 24.0133, 32.2302**, and if you desaturate by 10%, it is **38.5655, 34.5208, 42.1601**.

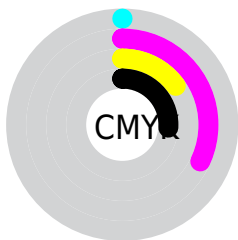
Distribution



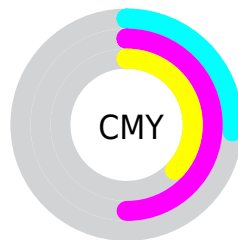
- Red (74%)
- Green (50%)
- Blue (63%)



- Red (74%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (26%)




- Cyan (26%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0506, 28.7952, 36.9684 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 35.0506, 28.7952, 36.9684 by changing the saturation by 10% instead.


 35.0506, 28.7952,
36.9684


 35.0506, 28.7952,
36.9684


316.2957,
296.2474, 348.3383


 23.8686, 18.9259,
24.8874


 66.8977, 57.7515,
71.7100

 15.3603, 11.6168,
15.7749


 88.2934, 77.6074,
95.2076

 9.1606, 6.4833,
9.2124


 113.8244,
101.5610, 123.3480

 4.9041, 3.1411,
4.7813

143.8560,
129.9966, 156.5495

 2.2253, 1.2058,
2.0630

178.7535,
163.2986, 195.2307

 0.7560, 0.0665,
0.5936

218.8825,

 0.0000, 0.0000,

201.8515, 239.8103

0.0000

264.6081,
246.0396, 290.7066

■ 35.0506, 28.7952,
36.9684

■ 35.0506, 28.7952,
36.9684

■ 32.0534, 24.0133,
32.2302

■ 38.5655, 34.5208,
42.1601

■ 29.5446, 20.1196,
27.9290

■ 42.6203, 41.2336,
47.8175

■ 27.4957, 17.0588,
24.0496

■ 47.2389, 48.9795,
53.9545

■ 25.8743, 14.7678,
20.5747

■ 52.4429, 57.8000,
60.5836

■ 24.6431, 13.1743,
17.4854

■ 58.2530, 67.7344,
67.7170

■ 23.7577, 12.1919,
14.7603

■ 64.6886, 78.8202,
75.3662

■ 23.2454, 11.7225,
12.8777

■ 70.0524, 87.6613,
82.9705

■ 71.2959, 88.1587,
89.5185

■ 72.6046, 88.6822,
96.4103

Harmonies

Analogous

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



32.8883, 28.7952, 48.4765



35.0506, 28.7952, 36.9684



35.0288, 28.7952, 26.1616

Triad

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



35.0506, 28.7952, 36.9684



25.4905, 28.7952, 15.2057



22.5489, 28.7952, 48.6703

Complementary

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



35.0506, 28.7952, 36.9684



33.1867, 43.4195, 38.5319

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.



20.9161, 28.7952, 37.1896



35.0506, 28.7952, 36.9684



22.5045, 28.7952, 18.8274

Square

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



35.0506, 28.7952, 36.9684



29.2652, 28.7952, 15.1730



20.9006, 28.7952, 26.3373



25.5565, 28.7952, 56.2201

Rectangle

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



35.0506, 28.7952, 36.9684



33.7684, 28.7952, 20.7653



20.9006, 28.7952, 26.3373



21.8339, 28.7952, 45.0388

Sweetspot

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



35.0514, 28.7965, 36.9690



77.9948, 76.6235, 87.8907



30.7065, 26.2285, 51.5887



16.5336, 16.0787, 18.5778



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.



35.0514, 28.7965, 36.9690



58.7422, 45.1179, 59.8948



32.7380, 27.8711, 24.7866



9.7336, 9.6177, 10.9860



15.6790, 7.9028, 8.8692



0.6470, 0.3227, 0.5204

Inverse Universe

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



35.0514, 28.7965, 36.9690



58.7422, 45.1179, 59.8948



36.0667, 44.5715, 53.6977



9.7336, 9.6177, 10.9860



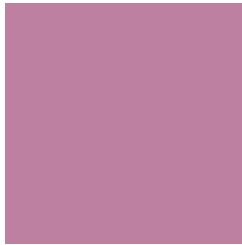
15.6790, 7.9028, 8.8692



0.6470, 0.3227, 0.5204

Previews

White Background



This preview shows how the XYZ color 35.0506, 28.7952, 36.9684 looks on a white background.

Color Contrast Check

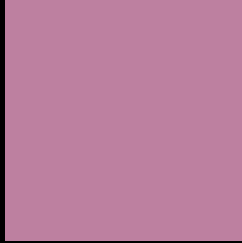
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0506, 28.7952, 36.9684 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 35.0506, 28.7952, 36.9684

Background



This preview shows how black text looks on a background with the XYZ color 35.0506, 28.7952, 36.9684.



This preview shows how white text looks on a background with the XYZ color 35.0506, 28.7952,

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

35.0506, 28.7952, 36.9684

Protanopia

28.6314, 28.9419, 42.6054

Deuteranopia

29.4691, 28.8482, 35.9134



Tritanopia

33.4175, 28.7205, 28.9816

Trichromacy



Original Color

35.0506, 28.7952, 36.9684

Protanomaly

30.5057, 28.6262, 40.4768

Deuteranomaly

31.2657, 28.6848, 36.2366

Tritanomaly

34.0670, 28.7947, 31.7794

Monochromacy



Original Color

35.0506, 28.7952, 36.9684

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.8156, 29.5716, 34.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0506, 28.7952, 36.9684 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(189, 128, 160)` looks like.

```
.text, #text, p{  
    color:rgb(189, 128, 160)  
}
```

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(189, 128, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 128, 160) }
```

Border

The CSS property to change the border of an element to XYZ 35.0506, 28.7952, 36.9684 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(189, 128, 160) }
```


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

```
.border{ border-color:rgb(189, 128, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 128, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 128, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 128, 160);  
box-shadow:4px 4px 4px 4px rgb(189, 128,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0506, 28.7952, 36.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 128, 160) }
```

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

```
.background{ background-color: rgb(189,  
128, 160) }
```

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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