

Converting Colors

XYZ(35.6759, 33.6748, 41.0311)

Have a look what the booklet for
XYZ(35.6759, 33.6748, 41.0311)
contains.

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Color

**XYZ(35.7859, 33.8328,
41.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	B096A7
RGB	176, 150, 167
RGB Percent	69%, 59%, 65%
CMY	0.3098, 0.4117, 0.3451
CMYK	0.00, 0.15, 0.05, 0.31
HSL	321°, 14%, 64%
HSV	321°, 15%, 69%
XYZ	35.7859, 33.8328, 41.2035
YIQ	159.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

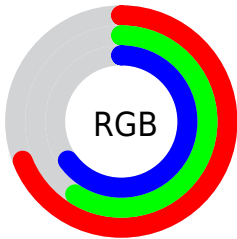
Format	Color
R_{YB}	176, 150, 167
Decimal	11572903
CIE Lab	64.83, 12.64, -5.30
CIE LCh	65, 13.708, 337.251
Yxy	33.8328, 0.3229, 0.3053
Android (android.graphics.Color)	4289762983 (0xFFB096A7)
YUV	159.7120, 3.5930, 14.2846
Hunter-Lab	58.1660, 8.0295, -1.2836

Details

The XYZ color **35.7859, 33.8328, 41.2035** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3623, 40.0388, 38.7199**, and the grayscale version is **33.2626, 34.9949, 38.1094**.

A 20% lighter version of the original color is **68.0564, 65.6155, 78.1853**, and **15.7247, 14.3724, 18.1650** is the 20% darker color. If you saturate the color by 10%, you get **32.6358, 28.4125, 37.4398**, and if you desaturate by 10%, it is **39.3863, 40.1103, 45.2491**.

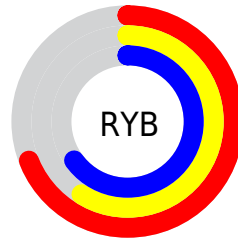
Distribution



Red (69%)

Green (59%)

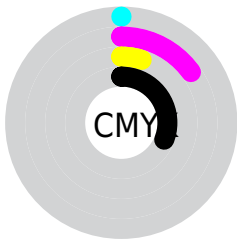
Blue (65%)



Red (69%)

Yellow (59%)

Blue (65%)

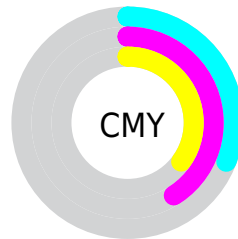


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (31%)



Cyan (31%)


Magenta (41%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7859, 33.8328, 41.2035 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 35.7859, 33.8328, 41.2035 by changing the saturation by 10% instead.


 35.7859, 33.8328,
41.2035


 35.7859, 33.8328,
41.2035

319.4714,
319.3859, 366.8722

 24.4382, 22.7652,
28.1572


 68.0275, 65.6736,
78.2497

 15.7855, 14.4202,
18.2041


 89.6522, 87.2155,
103.0868

 9.4624, 8.4135,
10.9257


115.4332,
113.0177, 132.6912

 5.1035, 4.3607,
5.9033

145.7360,
143.4645, 167.4815

 2.3435, 1.8773,
2.7186

180.9258,
178.9403, 207.8762

 0.8168, 0.5347,
0.9527

221.3681,

 0.0000, 0.0000,

219.8296, 254.2938

0.0000

267.4281,
266.5166, 307.1530

■ 35.7859, 33.8328,
41.2035

■ 35.7859, 33.8328,
41.2035

■ 32.6358, 28.4125,
37.4398

■ 39.3863, 40.1103,
45.2491

■ 29.9140, 23.8074,
33.9476

■ 43.4521, 47.2759,
49.5821

■ 27.6009, 19.9784,
30.7190

■ 48.0011, 55.3644,
54.2107

■ 25.6743, 16.8816,
27.7447

■ 53.0493, 64.4073,
59.1417

■ 24.1097, 14.4687,
25.0147

■ 58.6122, 74.4346,
64.3820

■ 22.8796, 12.6854,
22.5179

■ 64.5110, 85.0887,
69.8737

■ 21.9524, 11.4692,
20.2417

■ 65.2543, 85.3861,
73.7879

■ 21.2899, 10.7441,
18.1713

■ 66.0265, 85.6949,
77.8542

■ 21.0033, 10.4697,
17.1548

■ 66.8279, 86.0155,
82.0743

Harmonies

Analogous

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



34.5097, 33.8328, 46.1859



35.7859, 33.8328, 41.2035



36.0711, 33.8328, 35.4831

Triad

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



35.7859, 33.8328, 41.2035



31.6804, 33.8328, 27.0728



29.2295, 33.8328, 43.8175

Complementary

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



35.7859, 33.8328, 41.2035



34.3623, 40.0388, 38.7199

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.



28.5369, 33.8328, 38.2273



35.7859, 33.8328, 41.2035



29.9139, 33.8328, 28.8454

Square

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



35.7859, 33.8328, 41.2035



33.6472, 33.8328, 27.6954



28.7822, 33.8328, 32.7926



30.7116, 33.8328, 47.7996

Rectangle

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



35.7859, 33.8328, 41.2035



35.6507, 33.8328, 32.0816



28.7822, 33.8328, 32.7926



28.8994, 33.8328, 42.0431

Sweetspot

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



35.7869, 33.8343, 41.2042



71.9219, 73.6036, 82.5996



32.9762, 32.2858, 45.5686



15.4747, 15.7548, 17.7785



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.7869, 33.8343, 41.2042



62.7880, 57.7046, 72.2527



34.6726, 33.3886, 35.3364



8.7226, 8.5957, 10.0374



15.4387, 7.6930, 12.7360



0.5120, 0.2525, 0.5387

Inverse Universe

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



35.7869, 33.8343, 41.2042



62.7880, 57.7046, 72.2527



35.5185, 40.5013, 44.8084



8.7226, 8.5957, 10.0374



15.4387, 7.6930, 12.7360



0.5120, 0.2525, 0.5387

Previews

White Background



This preview shows how the XYZ color 35.7859, 33.8328, 41.2035 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 35.7859, 33.8328, 41.2035 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 35.7859, 33.8328, 41.2035

Background



This preview shows how black text looks on a background with the XYZ color 35.7859, 33.8328, 41.2035.



This preview shows how white text looks on a background with the XYZ color 35.7859, 33.8328,

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

35.7859, 33.8328, 41.2035

Protanopia

32.9495, 33.7851, 43.3126

Deuteranopia

34.6364, 33.9707, 40.8079



Tritanopia

35.3567, 33.8915, 39.3286

Trichromacy



Original Color

35.7859, 33.8328, 41.2035

Protanomaly

33.9156, 33.8000, 42.7667

Deuteranomaly

35.1244, 33.9803, 40.7840

Tritanomaly

35.4466, 33.9275, 39.8024

Monochromacy



Original Color

35.7859, 33.8328, 41.2035

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2252, 34.5283, 39.5111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7859, 33.8328, 41.2035 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(176, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(176, 150, 167)  
}
```

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(176, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 150, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.7859, 33.8328, 41.2035 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(176, 150, 167) }
```


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

```
.border{ border-color:rgb(176, 150, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 150, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(176, 150,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7859, 33.8328, 41.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 150, 167) }
```

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

```
.background{ background-color: rgb(176,  
150, 167) }
```

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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