

Converting Colors

XYZ(38.8105, 35.7128, 37.6486)

Have a look what the booklet for
XYZ(38.8105, 35.7128, 37.6486)
contains.

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Color

**XYZ(38.8105, 35.7128,
37.6486)**

Conversions

Conversions Part 1

Format	Color
Hex	BF979F
RGB	191, 151, 159
RGB Percent	75%, 59%, 62%
CMY	0.2510, 0.4078, 0.3765
CMYK	0.00, 0.21, 0.17, 0.25
HSL	348°, 24%, 67%
HSV	348°, 21%, 75%
XYZ	38.8105, 35.7128, 37.6486
YIQ	163.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

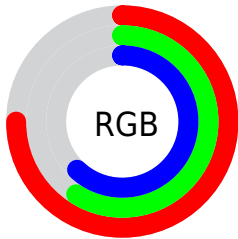
Format	Color
R _{YB}	191, 151, 159
Decimal	12556191
CIE Lab	66.30, 16.20, 1.52
CIE LCh	66, 16.273, 5.361
Yxy	35.7128, 0.3460, 0.3184
Android (android.graphics.Color)	4290746271 (0xFFBF979F)
YUV	163.8720, -2.4019, 23.7913
Hunter-Lab	59.7602, 11.3442, 4.4797

Details

The XYZ color **38.8105, 35.7128, 37.6486** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9420, 47.2608, 51.8192**, and the grayscale version is **35.2306, 37.0653, 40.3641**.

A 20% lighter version of the original color is **72.6803, 68.4741, 73.0045**, and **17.5805, 15.5154, 16.2555** is the 20% darker color. If you saturate the color by 10%, you get **34.7370, 29.5582, 30.1478**, and if you desaturate by 10%, it is **43.5480, 42.9322, 46.1804**.

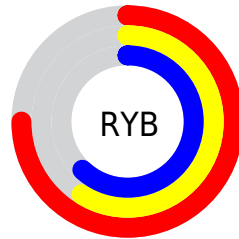
Distribution



Red (75%)

Green (59%)

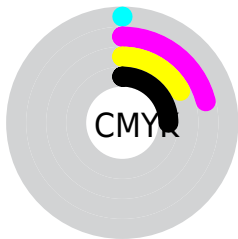
Blue (62%)



Red (75%)

Yellow (59%)

Blue (62%)

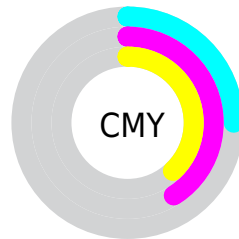


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8105, 35.7128, 37.6486 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 38.8105, 35.7128, 37.6486 by changing the saturation by 10% instead.


 38.8105, 35.7128,
37.6486


 38.8105, 35.7128,
37.6486

332.3052,
327.7035, 351.3630

 26.7924, 24.2125,
25.4104


 72.6447, 68.5885,
72.7667

 17.5532, 15.4913,
16.1613


 95.1914, 90.7328,
96.4835

 10.7274, 9.1649,
9.4827


121.9785,
117.1937, 124.8637

 5.9498, 4.8489,
4.9563

153.3712,
148.3558, 158.3258

 2.8549, 2.1589,
2.1633

189.7348,
184.6034, 197.2882

 1.0775, 0.6974,
0.6531

231.4348,

 0.0062, 0.0000,

226.3210, 242.1695

0.0000

278.8365,
273.8929, 293.3883

0.0000, 0.0000,
0.0000

38.8105, 35.7128,
37.6486

38.8105, 35.7128,
37.6486

34.7370, 29.5582,
30.1478

43.5480, 42.9322,
46.1804

31.2946, 24.4132,
23.6364

48.9744, 51.2585,
55.7783

28.4520, 20.2252,
18.0734

55.1171, 60.7373,
66.4782

26.1741, 16.9346,
13.4136

62.0011, 71.4104,
78.3139

24.4220, 14.4753,
9.6085

69.6501, 83.3174,
91.3177

■ 23.1517, 12.7718,
6.6045

■ 74.6097, 89.5419,
104.3614

■ 22.3118, 11.7351,
4.3416

■ 75.2960, 89.8165,
107.9755

■ 21.8389, 11.2176,
2.8637

Harmonies

Analogous

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



38.3695, 35.7128, 44.7335



38.8105, 35.7128, 37.6486



37.8978, 35.7128, 31.6453

Triad

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



38.8105, 35.7128, 37.6486



31.3117, 35.7128, 28.9634



32.0335, 35.7128, 52.3571

Complementary

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



38.8105, 35.7128, 37.6486



39.9420, 47.2608, 51.8192

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.



30.2751, 35.7128, 47.1528



38.8105, 35.7128, 37.6486



29.8725, 35.7128, 33.5701

Square

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



38.8105, 35.7128, 37.6486



33.5094, 35.7128, 27.0283



29.5022, 35.7128, 40.1485



34.3823, 35.7128, 53.7838

Rectangle

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



38.8105, 35.7128, 37.6486



36.6690, 35.7128, 28.8841



29.5022, 35.7128, 40.1485



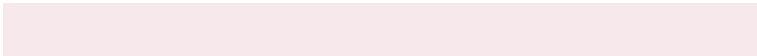
31.3574, 35.7128, 50.9634

Sweetspot

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



38.8115, 35.7144, 37.6493



82.5457, 83.8638, 90.7951



40.0002, 35.9638, 54.1241



17.9862, 18.2008, 19.6898



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.8115, 35.7144, 37.6493



66.1164, 58.8221, 61.2200



40.1701, 39.5066, 34.7885



9.6061, 9.5667, 10.3146



14.3757, 7.3814, 2.0059



0.5866, 0.2985, 0.2024

Inverse Universe

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



38.8115, 35.7144, 37.6493



66.1164, 58.8221, 61.2200



38.2879, 42.5823, 55.4919



9.6061, 9.5667, 10.3146



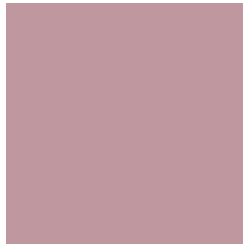
14.3757, 7.3814, 2.0059



0.5866, 0.2985, 0.2024

Previews

White Background



This preview shows how the XYZ color 38.8105, 35.7128, 37.6486 looks on a white background.

Color Contrast Check

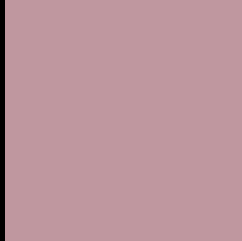
Large Text (above 18pt) WCAG AA × Fail

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 38.8105, 35.7128, 37.6486 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 38.8105, 35.7128, 37.6486

Background



This preview shows how black text looks on a background with the XYZ color 38.8105, 35.7128, 37.6486.



This preview shows how white text looks on a background with the XYZ color 38.8105, 35.7128,

37.6486.

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

38.8105, 35.7128, 37.6486

Protanopia

34.6407, 35.9929, 40.7189

Deuteranopia

36.4201, 35.7105, 37.3210



Tritanopia

38.9138, 35.4977, 38.9832

Trichromacy



Original Color

38.8105, 35.7128, 37.6486

Protanomaly

35.9014, 35.6425, 39.6378

Deuteranomaly

37.2556, 35.6471, 37.2647

Tritanomaly

38.8252, 35.4623, 38.5168

Monochromacy



Original Color

38.8105, 35.7128, 37.6486

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.3753, 36.4036, 39.2918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8105, 35.7128, 37.6486 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(191, 151, 159)` looks like.

```
.text, #text, p{  
    color:rgb(191, 151, 159)  
}
```

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(191, 151, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 151, 159) }
```

Border

The CSS property to change the border of an element to XYZ 38.8105, 35.7128, 37.6486 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(191, 151, 159) }
```


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

```
.border{ border-color:rgb(191, 151, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 151, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 151, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 151, 159);  
box-shadow:4px 4px 4px 4px rgb(191, 151,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8105, 35.7128, 37.6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 151, 159) }
```

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

```
.background{ background-color: rgb(191,  
151, 159) }
```

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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