

Converting Colors

XYZ(42.8753, 36.4211, 37.1179)

Have a look what the booklet for
XYZ(42.8753, 36.4211, 37.1179)
contains.

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Color

**XYZ(42.8753, 36.4211,
37.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	D2919E
RGB	210, 145, 158
RGB Percent	82%, 57%, 62%
CMY	0.1765, 0.4314, 0.3804
CMYK	0.00, 0.31, 0.25, 0.18
HSL	348°, 42%, 70%
HSV	348°, 31%, 82%
XYZ	42.8753, 36.4211, 37.1179
YIQ	165.9170, 34.5670, 17.8230

Conversions

Conversions Part 2

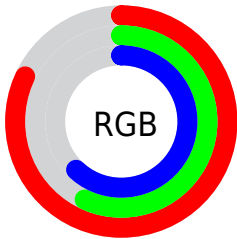
Format	Color
R _Y B	210, 145, 158
Decimal	13799838
CIE Lab	66.84, 26.39, 3.12
CIE LCh	67, 26.578, 6.731
Yxy	36.4211, 0.3683, 0.3129
Android (android.graphics.Color)	4291989918 (0xFFD2919E)
YUV	165.9170, -3.9031, 38.6608
Hunter-Lab	60.3499, 21.2022, 5.7789

Details

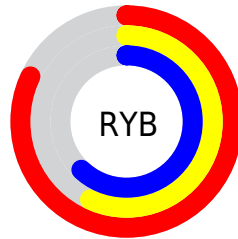
The XYZ color **42.8753, 36.4211, 37.1179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.8033, 56.1450, 61.3020**, and the grayscale version is **36.2129, 38.0988, 41.4896**.

A 20% lighter version of the original color is **73.6737, 66.9109, 71.9829**, and **19.9830, 15.9370, 15.9328** is the 20% darker color. If you saturate the color by 10%, you get **38.6094, 30.0474, 29.0421**, and if you desaturate by 10%, it is **47.9341, 44.0635, 46.4343**.

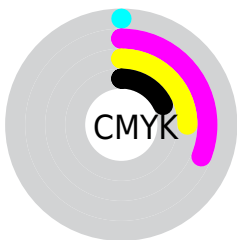
Distribution



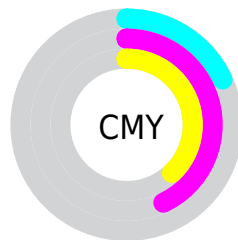
- Red (82%)
- Green (57%)
- Blue (62%)



- Red (82%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8753, 36.4211, 37.1179 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 42.8753, 36.4211, 37.1179 by changing the saturation by 10% instead.


 42.8753, 36.4211,
37.1179


 42.8753, 36.4211,
37.1179


349.0289,
330.7974, 349.0047

 29.9814, 24.7596,
25.0023

 78.7795, 69.6815,
71.9424

 19.9725, 15.8980,
15.8597


 102.5206, 92.0492,
95.4884

 12.4832, 9.4520,
9.2717


130.6080,
118.7545, 123.6816

 7.1482, 5.0372,
4.8196

163.4072,
150.1816, 156.9406

 3.6021, 2.2691,
2.0849

201.2836,
186.7151, 195.6838

 1.4796, 0.7573,
0.6068

244.6024,

 0.3119, 0.0000,

228.7393, 240.3299

0.0000

293.7290,
276.6386, 291.2974

0.0000, 0.0000,
0.0000

42.8753, 36.4211,
37.1179

42.8753, 36.4211,
37.1179

38.6094, 30.0474,
29.0421

47.9341, 44.0635,
46.4343

35.0926, 24.8686,
22.1517

53.8204, 53.0329,
57.0387

32.2815, 20.8112,
16.3908

60.5707, 63.3902,
68.9788

30.1270, 17.7916,
11.6977

68.2180, 75.1909,
82.2991

28.5733, 15.7140,
8.0048

76.7938, 88.4876,
97.0421

■ 27.5548, 14.4650,
5.2360

■ 80.3884, 92.4417,
108.2139

■ 26.9962, 13.8688,
3.4435

Harmonies

Analogous

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



42.2150, 36.4211, 49.0608



42.8753, 36.4211, 37.1179



41.1893, 36.4211, 27.8354

Triad

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



42.8753, 36.4211, 37.1179



30.1969, 36.4211, 24.4283



31.6523, 36.4211, 63.6684

Complementary

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



42.8753, 36.4211, 37.1179



44.8033, 56.1450, 61.3020

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.



28.7842, 36.4211, 54.4243



42.8753, 36.4211, 37.1179



27.9905, 36.4211, 31.5379

Square

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



42.8753, 36.4211, 37.1179



33.7191, 36.4211, 21.4835



27.4939, 36.4211, 42.3080



35.5311, 36.4211, 65.9551

Rectangle

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



42.8753, 36.4211, 37.1179



39.0331, 36.4211, 23.8772



27.4939, 36.4211, 42.3080



30.5475, 36.4211, 61.1952

Sweetspot

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



42.8763, 36.4228, 37.1186



85.3440, 85.0947, 91.7711



44.7854, 36.7761, 65.7110



17.9540, 17.7345, 19.0851



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.8763, 36.4228, 37.1186



62.1127, 49.9031, 49.2799



45.0555, 42.4778, 32.6146



11.9040, 11.8463, 12.7703



16.4961, 8.4713, 2.2528



0.9512, 0.4852, 0.2778

Inverse Universe

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



42.8763, 36.4228, 37.1186



62.1127, 49.9031, 49.2799



41.8333, 47.7181, 67.9787



11.9040, 11.8463, 12.7703



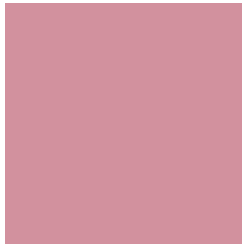
16.4961, 8.4713, 2.2528



0.9512, 0.4852, 0.2778

Previews

White Background



This preview shows how the XYZ color 42.8753, 36.4211, 37.1179 looks on a white background.

Color Contrast Check

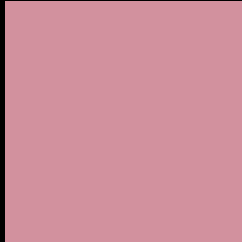
Large Text (above 18pt) WCAG AA × Fail

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 42.8753, 36.4211, 37.1179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

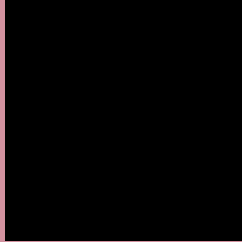
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8753, 36.4211, 37.1179

Background



This preview shows how black text looks on a background with the XYZ color 42.8753, 36.4211, 37.1179.



This preview shows how white text looks on a background with the XYZ color 42.8753, 36.4211,

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

42.8753, 36.4211, 37.1179

Protanopia

35.2981, 36.5603, 42.2422

Deuteranopia

37.1138, 36.3380, 36.5103



Tritanopia

42.7045, 36.3527, 36.2185

Trichromacy



Original Color

42.8753, 36.4211, 37.1179

Protanomaly

37.6454, 36.2810, 40.1408

Deuteranomaly

39.2153, 36.4233, 36.8618

Tritanomaly

42.7895, 36.3868, 36.6664

Monochromacy



Original Color

42.8753, 36.4211, 37.1179

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.1291, 37.0431, 39.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8753, 36.4211, 37.1179 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(210, 145, 158)` looks like.

```
.text, #text, p{  
    color:rgb(210, 145, 158)  
}
```

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(210, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 145, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.8753, 36.4211, 37.1179 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(210, 145, 158) }
```


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

```
.border{ border-color:rgb(210, 145, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 145, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 145, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 145, 158);  
box-shadow:4px 4px 4px 4px rgb(210, 145,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8753, 36.4211, 37.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 145, 158) }
```

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

```
.background{ background-color: rgb(210,  
145, 158) }
```

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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