

Converting Colors

XYZ(35.4991, 30.4077, 28.2936)

Have a look what the booklet for
XYZ(35.4991, 30.4077, 28.2936)
contains.

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Color

**XYZ(35.4334, 30.3836,
28.4232)**

Conversions

Conversions Part 1

Format	Color
Hex	C2868B
RGB	194, 134, 139
RGB Percent	76%, 53%, 55%
CMY	0.2392, 0.4745, 0.4549
CMYK	0.00, 0.31, 0.28, 0.24
HSL	355°, 33%, 64%
HSV	355°, 31%, 76%
XYZ	35.4334, 30.3836, 28.4232
YIQ	152.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

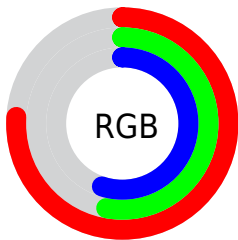
Format	Color
R_YB	194, 134, 139
Decimal	12748427
CIE _{Lab}	61.98, 23.72, 6.63
CIE _{LCh}	62, 24.629, 15.627
Yxy	30.3836, 0.3760, 0.3224
Android (android.graphics.Color)	4290938507 (0xFFC2868B)
YUV	152.5100, -6.6604, 36.3867
Hunter-Lab	55.1213, 18.2821, 8.0122

Details

The XYZ color **35.4334, 30.3836, 28.4232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3099, 47.3267, 55.2622**, and the grayscale version is **30.0838, 31.6505, 34.4674**.

A 20% lighter version of the original color is **67.6425, 60.4677, 57.9754**, and **15.6210, 12.5509, 11.0504** is the 20% darker color. If you saturate the color by 10%, you get **31.7984, 25.0267, 21.3135**, and if you desaturate by 10%, it is **39.7733, 36.8116, 36.8114**.

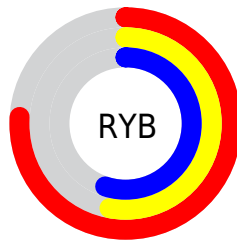
Distribution



Red (76%)

Green (53%)

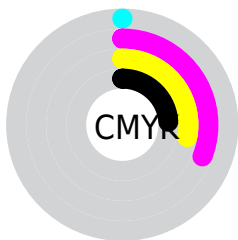
Blue (55%)



Red (76%)

Yellow (53%)

Blue (55%)

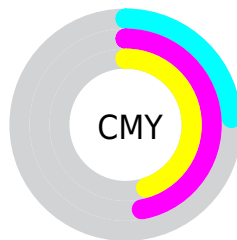


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4334, 30.3836, 28.4232 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 35.4334, 30.3836, 28.4232 by changing the saturation by 10% instead.


 35.4334, 30.3836,
28.4232

 35.4334, 30.3836,
28.4232


317.9518,
303.6884, 308.4590

 24.1650, 20.1299,
18.4031


 67.4862, 60.2683,
58.1906

 15.5815, 12.4895,
11.0674


 89.0014, 80.6681,
78.7750

 9.3174, 7.0780,
5.9974

 114.6628,
105.2188, 103.7179

 5.0076, 3.5109,
2.7747

144.8359,
134.3046, 133.4378

 2.2865, 1.4039,
0.9808

179.8860,
168.3102, 168.3534

 0.7877, 0.2196,
0.0000

220.1784,

 0.0000, 0.0000,

207.6197, 208.8831

0.0000

266.0786,
252.6177, 255.4454

■ 35.4334, 30.3836,
28.4232

■ 35.4334, 30.3836,
28.4232

■ 31.7984, 25.0267,
21.3135

■ 39.7733, 36.8116,
36.8114

■ 28.8288, 20.6787,
15.4179

■ 44.8501, 44.3600,
46.5349

■ 26.4847, 17.2776,
10.6688

■ 50.6966, 53.0802,
57.6489

■ 24.7212, 14.7528,
6.9916

■ 57.3432, 63.0192,
70.2052

■ 23.4873, 13.0238,
4.3024

■ 64.8185, 74.2212,
84.2530

■ 22.7228, 11.9952,
2.5052

■ 73.1495, 86.7285,
99.8389

■ 22.3428, 11.5072,
1.5398

■ 76.0582, 90.2093,
108.0112

Harmonies

Analogous

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



35.4746, 30.3836, 37.8038



35.4334, 30.3836, 28.4232



33.5493, 30.3836, 21.7150

Triad

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



35.4334, 30.3836, 28.4232



24.5748, 30.3836, 21.9280



27.3314, 30.3836, 54.0029

Complementary

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



35.4334, 30.3836, 28.4232



38.3099, 47.3267, 55.2622

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.



24.6630, 30.3836, 47.8531



35.4334, 30.3836, 28.4232



23.1557, 30.3836, 28.7718

Square

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



35.4334, 30.3836, 28.4232



27.2023, 30.3836, 18.4817



23.1867, 30.3836, 38.2252



30.6226, 30.3836, 53.8604

Rectangle

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



35.4334, 30.3836, 28.4232



31.5783, 30.3836, 19.1324



23.1867, 30.3836, 38.2252



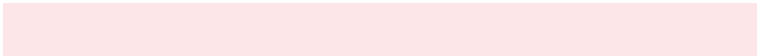
26.3375, 30.3836, 52.5586

Sweetspot

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



35.4342, 30.3850, 28.4238



83.0414, 83.0275, 87.7115



39.2498, 31.7655, 55.1016



17.8593, 17.6966, 18.5866



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.



35.4342, 30.3850, 28.4238



59.6723, 48.3742, 42.6650



38.9502, 37.9880, 27.8356



10.1065, 10.0912, 10.6513



14.7026, 7.5708, 1.0801



0.6471, 0.3319, 0.1092

Inverse Universe

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



35.4342, 30.3850, 28.4238



59.6723, 48.3742, 42.6650



33.7583, 37.3405, 56.4672



10.1065, 10.0912, 10.6513



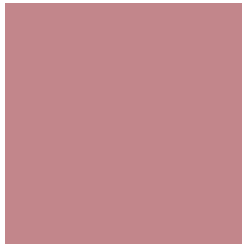
14.7026, 7.5708, 1.0801



0.6471, 0.3319, 0.1092

Previews

White Background



This preview shows how the XYZ color 35.4334, 30.3836, 28.4232 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 35.4334, 30.3836, 28.4232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

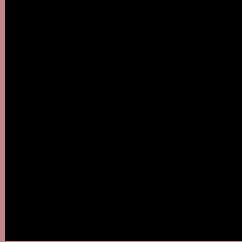
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4334, 30.3836, 28.4232

Background



This preview shows how black text looks on a background with the XYZ color 35.4334, 30.3836, 28.4232.



This preview shows how white text looks on a background with the XYZ color 35.4334, 30.3836,

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

35.4334, 30.3836, 28.4232

Protanopia

29.1508, 30.3738, 31.9301

Deuteranopia

31.0029, 30.4920, 27.9184



Tritanopia

35.5936, 30.2276, 29.9451

Trichromacy



Original Color

35.4334, 30.3836, 28.4232

Protanomaly

31.1557, 30.2850, 30.5891

Deuteranomaly

32.4724, 30.3497, 28.1914

Tritanomaly

35.5181, 30.1974, 29.5479

Monochromacy



Original Color

35.4334, 30.3836, 28.4232

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.7726, 31.0207, 32.3300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4334, 30.3836, 28.4232 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(194, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(194, 134, 139)  
}
```

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(194, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.4334, 30.3836, 28.4232 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(194, 134, 139) }
```


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

```
.border{ border-color:rgb(194, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 134, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 134, 139); box-shadow:4px 4px 4px 4px rgb(194, 134, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4334, 30.3836, 28.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 134, 139) }
```

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

```
.background{ background-color: rgb(194,  
134, 139) }
```

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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