

Converting Colors

XYZ(35.4426, 33.2384, 28.2145)

Have a look what the booklet for
XYZ(35.4426, 33.2384, 28.2145)
contains.

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Color

**XYZ(35.4426, 33.2384,
28.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9389
RGB	187, 147, 137
RGB Percent	73%, 58%, 54%
CMY	0.2667, 0.4235, 0.4627
CMYK	0.00, 0.21, 0.27, 0.27
HSL	12°, 27%, 64%
HSV	12°, 27%, 73%
XYZ	35.4426, 33.2384, 28.2145
YIQ	157.8200, 27.0500, 5.3700

Conversions

Conversions Part 2

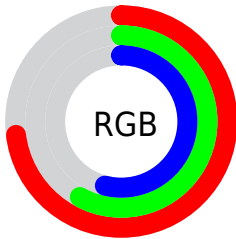
Format	Color
R_{YB}	187, 150, 137
Decimal	12293001
CIE Lab	64.35, 13.54, 11.03
CIE LCh	64, 17.463, 39.185
Yxy	33.2384, 0.3658, 0.3430
Android (android.graphics.Color)	4290483081 (0xFFBB9389)
YUV	157.8200, -10.2643, 25.5909
Hunter-Lab	57.6528, 8.8423, 11.3412

Details

The XYZ color **35.4426, 33.2384, 28.2145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0078, 40.3492, 52.9569**, and the grayscale version is **32.4550, 34.1452, 37.1841**.

A 20% lighter version of the original color is **67.4891, 64.7241, 57.6511**, and **15.5760, 14.0404, 10.9059** is the 20% darker color. If you saturate the color by 10%, you get **32.0391, 28.3951, 21.0256**, and if you desaturate by 10%, it is **39.3829, 38.7828, 36.7301**.

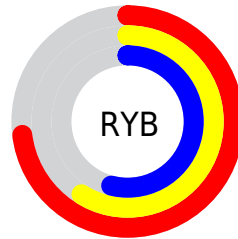
Distribution



Red (73%)

Green (58%)

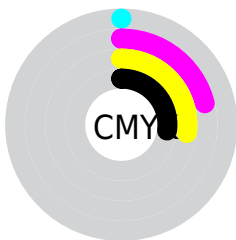
Blue (54%)



Red (73%)

Yellow (59%)

Blue (54%)

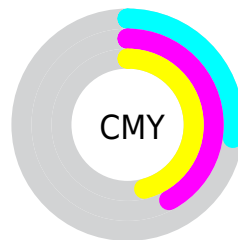


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4426, 33.2384, 28.2145 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 35.4426, 33.2384, 28.2145 by changing the saturation by 10% instead.


 35.4426, 33.2384,
28.2145


 35.4426, 33.2384,
28.2145


317.9915,
316.7226, 307.4346

 24.1721, 22.3091,
18.2470


 67.5004, 64.7476,
57.8539

 15.5868, 14.0842,
10.9562


 89.0184, 86.0962,
78.3629

 9.3212, 8.1793,
5.9236

 114.6830,
111.6868, 103.2228

 5.0101, 4.2099,
2.7306

144.8594,
141.9038, 132.8521

 2.2880, 1.7916,
0.9588

179.9132,
177.1314, 167.6694

 0.7885, 0.4820,
0.0000

220.2095,

 0.0000, 0.0000,

217.7542, 208.0932

0.0000

266.1139,
264.1564, 254.5421

■ 35.4426, 33.2384,
28.2145

■ 35.4426, 33.2384,
28.2145

■ 32.0391, 28.3951,
21.0256

■ 39.3829, 38.7828,
36.7301

■ 29.1461, 24.2202,
15.0944

■ 43.8795, 45.0499,
46.6325

■ 26.7392, 20.6856,
10.3485

■ 48.9539, 52.0664,
57.9809

■ 24.7906, 17.7589,
6.7076

■ 54.6260, 59.8560,
70.8302

■ 23.2700, 15.4051,
4.0810

■ 60.9146, 68.4413,
85.2324

■ 22.1426, 13.5855,
2.3637

■ 67.8375, 77.8442,
101.2372

■ 21.3655, 12.2551,
1.4146

■ 73.2645, 87.2266,
107.5827

■ 21.1681, 11.9139,
1.1839

■ 74.3036, 89.3048,
107.9291

Harmonies

Analogous

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



36.5480, 33.2384, 34.0501



35.4426, 33.2384, 28.2145



33.3207, 33.2384, 24.8468

Triad

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



35.4426, 33.2384, 28.2145



27.3326, 33.2384, 31.5425



32.3610, 33.2384, 51.4516

Complementary

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



35.4426, 33.2384, 28.2145



35.0078, 40.3492, 52.9569

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.



29.9243, 33.2384, 50.5495



35.4426, 33.2384, 28.2145



27.1057, 33.2384, 38.4198

Square

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



35.4426, 33.2384, 28.2145



28.6680, 33.2384, 26.5860



28.0311, 33.2384, 45.5447



34.7085, 33.2384, 47.8687

Rectangle

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



35.4426, 33.2384, 28.2145



31.6601, 33.2384, 24.1592



28.0311, 33.2384, 45.5447



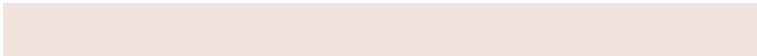
31.5242, 33.2384, 51.6720

Sweetspot

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



35.4435, 33.2399, 28.2152



77.4057, 79.0424, 80.8972



37.3753, 31.6308, 45.7307



16.7676, 17.0193, 17.1989



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.



35.4435, 33.2399, 28.2152



59.8406, 54.3678, 42.8087



39.7616, 41.8762, 29.6546



9.6806, 9.8372, 9.9652



14.6269, 8.2926, 0.8297



0.6196, 0.4180, 0.0480

Inverse Universe

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



35.0078, 40.3492, 52.9569



58.9235, 69.1923, 94.4512



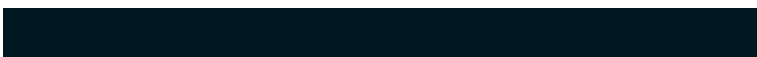
30.5147, 31.3631, 51.4592



9.6420, 10.4764, 12.1862



13.7010, 17.5137, 35.0513



0.5786, 0.7700, 1.3870

Previews

White Background



This preview shows how the XYZ color 35.4426, 33.2384, 28.2145 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 35.4426, 33.2384, 28.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

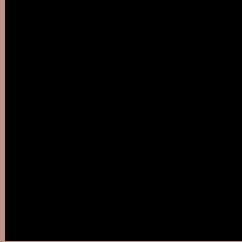
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4426, 33.2384, 28.2145

Background



This preview shows how black text looks on a background with the XYZ color 35.4426, 33.2384, 28.2145.



This preview shows how white text looks on a background with the XYZ color 35.4426, 33.2384,

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

35.4426, 33.2384, 28.2145

Protanopia

31.8752, 33.5165, 30.3805

Deuteranopia

33.9407, 33.1740, 27.9069



Tritanopia

36.8759, 33.1319, 35.4619

Trichromacy



Original Color

35.4426, 33.2384, 28.2145

Protanomaly

33.1381, 33.4466, 29.5202

Deuteranomaly

34.4828, 33.2175, 27.8867

Tritanomaly

36.2097, 33.0803, 32.4936

Monochromacy



Original Color

35.4426, 33.2384, 28.2145

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.4228, 33.7482, 33.6066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4426, 33.2384, 28.2145 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(187, 147, 137)` looks like.

```
.text, #text, p{  
    color:rgb(187, 147, 137)  
}
```

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(187, 147, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 147, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.4426, 33.2384, 28.2145 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(187, 147, 137) }
```


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

```
.border{ border-color:rgb(187, 147, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 147, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 147, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 147, 137);  
box-shadow:4px 4px 4px 4px rgb(187, 147,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4426, 33.2384, 28.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 147, 137) }
```

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

```
.background{ background-color: rgb(187,  
147, 137) }
```

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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