

Converting Colors

XYZ(35.2942, 33.5540, 26.9755)

Have a look what the booklet for
XYZ(35.2942, 33.5540, 26.9755)
contains.

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Color

**XYZ(35.2308, 33.6275,
26.8242)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9585
RGB	186, 149, 133
RGB Percent	73%, 58%, 52%
CMY	0.2706, 0.4157, 0.4784
CMYK	0.00, 0.20, 0.28, 0.27
HSL	18°, 28%, 63%
HSV	18°, 28%, 73%
XYZ	35.2308, 33.6275, 26.8242
YIQ	158.2390, 27.1880, 2.8680

Conversions

Conversions Part 2

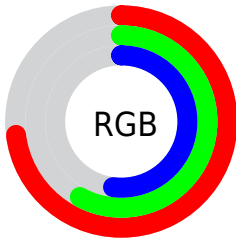
Format	Color
RYB	186, 156, 133
Decimal	12227973
CIELab	64.67, 11.47, 13.70
CIELCh	65, 17.869, 50.064
Yxy	33.6275, 0.3682, 0.3514
Android (android.graphics.Color)	4290418053 (0xFFBA9585)
YUV	158.2390, -12.4428, 24.3464
Hunter-Lab	57.9892, 6.9648, 13.1666

Details

The XYZ color **35.2308, 33.6275, 26.8242** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.9101, 37.2800, 51.9157**, and the grayscale version is **32.6547, 34.3553, 37.4130**.

A 20% lighter version of the original color is **67.1810, 65.3117, 55.5200**, and **15.4447, 14.2654, 10.1231** is the 20% darker color. If you saturate the color by 10%, you get **32.1171, 29.2775, 19.9980**, and if you desaturate by 10%, it is **38.8029, 38.5297, 34.9266**.

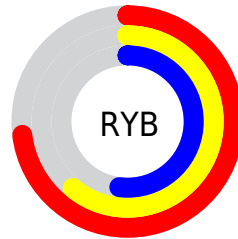
Distribution



Red (73%)

Green (58%)

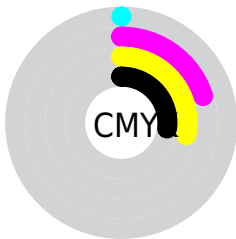
Blue (52%)



Red (73%)

Yellow (61%)

Blue (52%)

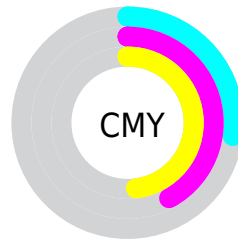


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2308, 33.6275, 26.8242 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 35.2308, 33.6275, 26.8242 by changing the saturation by 10% instead.


 35.2308, 33.6275,
26.8242


 35.2308, 33.6275,
26.8242


317.0761,
318.4679, 300.5381


 24.0081, 22.6076,
17.2100


 67.1748, 65.3540,
55.6019

 15.4644, 14.3040,
10.2208


 88.6268, 86.8293,
75.6025

 9.2344, 8.3324,
5.4381


 114.2193,
112.5586, 99.9023

 4.9527, 4.3084,
2.4433

144.3176,
142.9262, 128.9198

 2.2540, 1.8475,
0.8099

179.2871,
178.3166, 163.0736

 0.7710, 0.5165,
0.0000

219.4931,

 0.0000, 0.0000,

219.1140, 202.7823

0.0000

265.3010,
265.7030, 248.4642

■ 35.2308, 33.6275,
26.8242

■ 35.2308, 33.6275,
26.8242

■ 32.1171, 29.2775,
19.9980

■ 38.8029, 38.5297,
34.9266

■ 29.4396, 25.4553,
14.3801

■ 42.8490, 43.9980,
44.3642

■ 27.1782, 22.1414,
9.8997

■ 47.3872, 50.0520,
55.1945

■ 25.3101, 19.3133,
6.4775

■ 52.4338, 56.7086,
67.4713

■ 23.8099, 16.9465,
4.0237

■ 58.0043, 63.9841,
81.2455

■ 22.6487, 15.0145,
2.4335

■ 64.1137, 71.8941,
96.5652

■ 21.7842, 13.4835,
1.5349

■ 69.4273, 79.9143,
106.3735

■ 21.6719, 13.2835,
1.4217

■ 73.3850, 87.8295,
107.6927

■ 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



36.8178, 33.6275, 31.9830



35.2308, 33.6275, 26.8242



32.8198, 33.6275, 24.3982

Triad

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



35.2308, 33.6275, 26.8242



27.3495, 33.6275, 34.2331



33.6826, 33.6275, 51.5355

Complementary

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



35.2308, 33.6275, 26.8242



32.9101, 37.2800, 51.9157

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.



31.1192, 33.6275, 52.3497



35.2308, 33.6275, 26.8242



27.5530, 33.6275, 41.6731

Square

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



35.2308, 33.6275, 26.8242



28.3303, 33.6275, 28.2817



28.9018, 33.6275, 48.5373



35.8914, 33.6275, 46.4420

Rectangle

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



35.2308, 33.6275, 26.8242



31.1085, 33.6275, 24.4024



28.9018, 33.6275, 48.5373



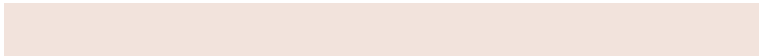
32.8309, 33.6275, 52.3427

Sweetspot

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



35.2317, 33.6291, 26.8249



77.1590, 79.0677, 79.2162



35.9027, 30.1206, 42.0017



16.7450, 17.0802, 16.8642



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.



35.2317, 33.6291, 26.8249



60.3369, 56.0515, 40.8439



39.8915, 42.9487, 28.3782



9.2198, 9.4426, 9.4436



14.6387, 9.0538, 0.9760



0.5722, 0.4315, 0.0531

Inverse Universe

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



32.9101, 37.2800, 51.9157



55.4495, 63.7088, 93.5759



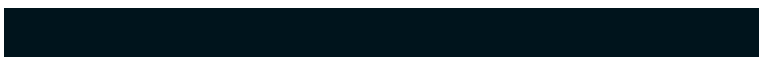
28.4489, 28.3577, 50.4286



9.0316, 9.7404, 11.4835



11.3866, 13.2329, 33.2071



0.4530, 0.5697, 1.1878

Previews

White Background



This preview shows how the XYZ color 35.2308, 33.6275, 26.8242 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 35.2308, 33.6275, 26.8242 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 35.2308, 33.6275, 26.8242

Background



This preview shows how black text looks on a background with the XYZ color 35.2308, 33.6275, 26.8242.



This preview shows how white text looks on a background with the XYZ color 35.2308, 33.6275,

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

35.2308, 33.6275, 26.8242

Protanopia

32.0894, 33.9194, 28.5227

Deuteranopia

34.3563, 33.6504, 26.8747



Tritanopia

37.3510, 33.8109, 36.4558

Trichromacy



Original Color

35.2308, 33.6275, 26.8242

Protanomaly

33.2331, 33.7730, 28.0598

Deuteranomaly

34.6684, 33.5734, 26.8434

Tritanomaly

36.5181, 33.6969, 32.5964

Monochromacy



Original Color

35.2308, 33.6275, 26.8242

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.2946, 33.9374, 33.2295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2308, 33.6275, 26.8242 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(186, 149, 133)` looks like.

```
.text, #text, p{  
    color:rgb(186, 149, 133)  
}
```

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(186, 149, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 149, 133) }
```

Border

The CSS property to change the border of an element to XYZ 35.2308, 33.6275, 26.8242 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(186, 149, 133) }
```


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

```
.border{ border-color:rgb(186, 149, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 149, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 149, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 149, 133);  
box-shadow:4px 4px 4px 4px rgb(186, 149,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2308, 33.6275, 26.8242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 149, 133) }
```

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

```
.background{ background-color: rgb(186,  
149, 133) }
```

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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