

Converting Colors

XYZ(33.3466, 28.0752, 25.3751)

Have a look what the booklet for
XYZ(33.3466, 28.0752, 25.3751)
contains.

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Color

**XYZ(33.3699, 28.1807,
25.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8084
RGB	191, 128, 132
RGB Percent	75%, 50%, 52%
CMY	0.2510, 0.4980, 0.4823
CMYK	0.00, 0.33, 0.31, 0.25
HSL	356°, 33%, 63%
HSV	356°, 33%, 75%
XYZ	33.3699, 28.1807, 25.5104
YIQ	147.2930, 36.2640, 14.6000

Conversions

Conversions Part 2

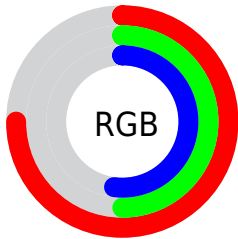
Format	Color
R_{YB}	191, 128, 132
Decimal	12550276
CIE _{Lab}	60.05, 24.92, 7.83
CIE _{LCh}	60, 26.121, 17.437
Yxy	28.1807, 0.3833, 0.3237
Android (android.graphics.Color)	4290740356 (0xFFBF8084)
YUV	147.2930, -7.5394, 38.3310
Hunter-Lab	53.0855, 19.3067, 8.6679

Details

The XYZ color **33.3699, 28.1807, 25.5104** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5038, 45.4393, 53.8629**, and the grayscale version is **27.8749, 29.3265, 31.9366**.

A 20% lighter version of the original color is **64.3478, 56.6903, 53.4498**, and **14.4391, 11.3076, 9.6052** is the 20% darker color. If you saturate the color by 10%, you get **29.9881, 23.2109, 18.8527**, and if you desaturate by 10%, it is **37.4321, 34.1750, 33.4310**.

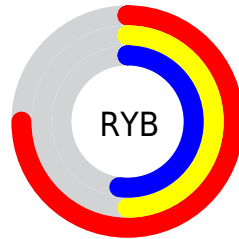
Distribution



Red (75%)

Green (50%)

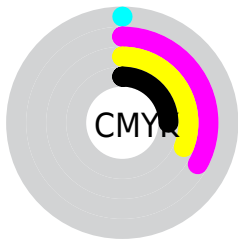
Blue (52%)



Red (75%)

Yellow (50%)

Blue (52%)

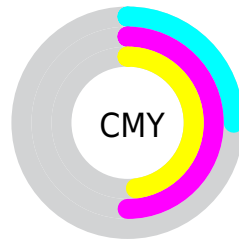


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3699, 28.1807, 25.5104 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 33.3699, 28.1807, 25.5104 by changing the saturation by 10% instead.


 33.3699, 28.1807,
25.5104


 33.3699, 28.1807,
25.5104


308.9488,
293.3294, 293.8989


 22.5706, 18.4619,
16.2353


 64.3034, 56.7728,
53.4584

 14.3957, 11.2821,
9.5346


 85.1683, 76.4149,
72.9683

 8.4799, 6.2569,
4.9900


 110.1191,
100.1336, 96.7269

 4.4579, 3.0019,
2.1827

139.5211,
128.3133, 125.1527

 1.9643, 1.1327,
0.6644

173.7398,
161.3383, 158.6643

 0.6138, 0.0057,
0.0000

213.1404,

 0.0000, 0.0000,

199.5930, 197.6802

0.0000

258.0883,
243.4619, 242.6189

■ 33.3699, 28.1807,
25.5104

■ 33.3699, 28.1807,
25.5104

■ 29.9881, 23.2109,
18.8527

■ 37.4321, 34.1750,
33.4310

■ 27.2473, 19.2045,
13.3912

■ 42.2067, 41.2424,
42.6735

■ 25.1076, 16.1003,
9.0553

■ 47.7263, 49.4332,
53.2948

■ 23.5238, 13.8283,
5.7664

■ 54.0210, 58.7933,
65.3483

■ 22.4441, 12.3080,
3.4360

■ 61.1191, 69.3663,
78.8845

■ 21.8070, 11.4435,
1.9606

■ 69.0476, 81.1932,
93.9514

■ 21.5530, 11.1032,
1.3587

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



33.5333, 28.1807, 34.8480



33.3699, 28.1807, 25.5104



31.3536, 28.1807, 19.0623

Triad

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



33.3699, 28.1807, 25.5104



22.3402, 28.1807, 19.8766



25.4162, 28.1807, 52.2887

Complementary

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



33.3699, 28.1807, 25.5104



36.5038, 45.4393, 53.8629

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.



22.6831, 28.1807, 46.2692



33.3699, 28.1807, 25.5104



21.0086, 28.1807, 26.8656

Square

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



33.3699, 28.1807, 25.5104



24.9116, 28.1807, 16.3033



21.1287, 28.1807, 36.5136



28.7498, 28.1807, 51.7149

Rectangle

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



33.3699, 28.1807, 25.5104



29.3176, 28.1807, 16.6740



21.1287, 28.1807, 36.5136



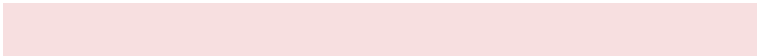
24.4024, 28.1807, 50.9246

Sweetspot

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



33.3707, 28.1820, 25.5110



78.2458, 77.7995, 81.5447



37.5686, 29.7409, 53.0508



16.8855, 16.6442, 17.3348



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.



33.3707, 28.1820, 25.5110



55.0257, 43.5025, 36.3688



37.1544, 36.1787, 25.4488



9.5541, 9.5459, 10.0407



14.1752, 7.3012, 0.9501



0.5637, 0.2894, 0.0819

Inverse Universe

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



33.3707, 28.1820, 25.5110



55.0257, 43.5025, 36.3688



31.5291, 34.7957, 54.3448



9.5541, 9.5459, 10.0407



14.1752, 7.3012, 0.9501



0.5637, 0.2894, 0.0819

Previews

White Background



This preview shows how the XYZ color 33.3699, 28.1807, 25.5104 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3699, 28.1807, 25.5104 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 × Fail

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

XYZ 33.3699, 28.1807, 25.5104

Background



This preview shows how black text looks on a background with the XYZ color 33.3699, 28.1807, 25.5104.



This preview shows how white text looks on a background with the XYZ color 33.3699, 28.1807,

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

33.3699, 28.1807, 25.5104

Protanopia

27.1754, 28.2592, 29.2216

Deuteranopia

28.9244, 28.3672, 25.0700



Tritanopia

33.5906, 28.0613, 27.3129

Trichromacy



Original Color

33.3699, 28.1807, 25.5104

Protanomaly

28.9858, 27.9044, 27.9031

Deuteranomaly

30.3565, 28.2457, 25.3247

Tritanomaly

33.4484, 28.0044, 26.5641

Monochromacy



Original Color

33.3699, 28.1807, 25.5104

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.3648, 28.4957, 29.5437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3699, 28.1807, 25.5104 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, 128, 132)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 132)  
}
```

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, 128, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 132) }
```

Border

The CSS property to change the border of an element to XYZ 33.3699, 28.1807, 25.5104 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, 128, 132) }
```


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

```
.border{ border-color:rgb(191, 128, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 128, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 128, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 128, 132); box-shadow:4px 4px 4px 4px rgb(191, 128, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3699, 28.1807, 25.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 128, 132) }
```

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

```
.background{ background-color: rgb(191,  
128, 132) }
```

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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