

Converting Colors

XYZ(32.7340, 28.8529, 25.3166)

Have a look what the booklet for
XYZ(32.7340, 28.8529, 25.3166)
contains.

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Color

**XYZ(32.7340, 28.8529,
25.3166)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8583
RGB	186, 133, 131
RGB Percent	73%, 52%, 51%
CMY	0.2706, 0.4784, 0.4863
CMYK	0.00, 0.28, 0.30, 0.27
HSL	2°, 28%, 62%
HSV	2°, 30%, 73%
XYZ	32.7340, 28.8529, 25.3166
YIQ	148.6190, 32.2300, 10.6140

Conversions

Conversions Part 2

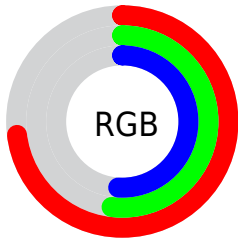
Format	Color
RYB	186, 133, 131
Decimal	12223875
CIELab	60.65, 20.08, 9.17
CIElCh	61, 22.077, 24.556
Yxy	28.8529, 0.3767, 0.3320
Android (android.graphics.Color)	4290413955 (0xFFBA8583)
YUV	148.6190, -8.6862, 32.7831
Hunter-Lab	53.7149, 14.7773, 9.6562

Details

The XYZ color **32.7340, 28.8529, 25.3166** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3629, 42.6500, 52.8230**, and the grayscale version is **28.4336, 29.9144, 32.5767**.

A 20% lighter version of the original color is **63.1728, 57.6332, 53.1422**, and **13.9763, 11.6210, 9.4891** is the 20% darker color. If you saturate the color by 10%, you get **29.3369, 23.8983, 18.5131**, and if you desaturate by 10%, it is **36.7776, 34.7381, 33.4527**.

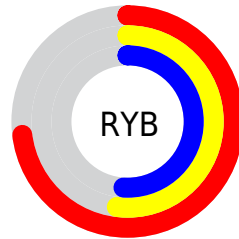
Distribution



Red (73%)

Green (52%)

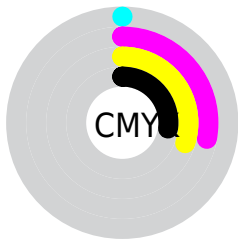
Blue (51%)



Red (73%)

Yellow (52%)

Blue (51%)

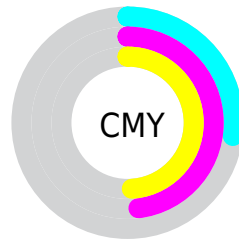


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7340, 28.8529, 25.3166 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 32.7340, 28.8529, 25.3166 by changing the saturation by 10% instead.


 32.7340, 28.8529,
25.3166


 32.7340, 28.8529,
25.3166

306.1356,
296.5203, 292.9090

 22.0810, 18.9696,
16.0919


 63.3175, 57.8433,
53.1409

 14.0334, 11.6483,
9.4342


 83.9787, 77.7191,
72.5775

 8.2257, 6.5047,
4.9248


 108.7066,
101.6946, 96.2552

 4.2927, 3.1543,
2.1452

137.8668,
130.1541, 124.5926

 1.8690, 1.2128,
0.6425

171.8244,
163.4820, 158.0081

 0.5588, 0.0721,
0.0000

210.9448,

 0.0000, 0.0000,

202.0628, 196.9203

0.0000

255.5934,
246.2807, 241.7477

■ 32.7340, 28.8529,
25.3166

■ 32.7340, 28.8529,
25.3166

■ 29.3369, 23.8983,
18.5131

■ 36.7776, 34.7381,
33.4527

■ 26.5507, 19.8228,
12.9697

■ 41.4964, 41.5938,
42.9853

■ 24.3398, 16.5763,
8.6094

■ 46.9201, 49.4624,
53.9763

■ 22.6640, 14.1019,
5.3463

■ 53.0759, 58.3828,
66.4834

■ 21.4779, 12.3356,
3.0828

■ 59.9898, 68.3917,
80.5609

■ 20.7286, 11.2031,
1.7041

■ 67.6862, 79.5240,
96.2608

■ 20.3361, 10.6048,
0.9981

■ 74.0598, 89.1791,
107.9177

■ 20.3233, 10.5863,
0.9722

Harmonies

Analogous

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



33.2685, 28.8529, 32.9333



32.7340, 28.8529, 25.3166



30.7369, 28.8529, 20.2559

Triad

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



32.7340, 28.8529, 25.3166



23.1846, 28.8529, 23.1418



26.9056, 28.8529, 49.8398

Complementary

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



32.7340, 28.8529, 25.3166



35.3629, 42.6500, 52.8230

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.



24.3578, 28.8529, 46.0671



32.7340, 28.8529, 25.3166



22.3072, 28.8529, 29.9459

Square

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



32.7340, 28.8529, 25.3166



25.2020, 28.8529, 19.1615



22.7214, 28.8529, 38.4237



29.7725, 28.8529, 48.0219

Rectangle

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



32.7340, 28.8529, 25.3166



28.9139, 28.8529, 18.5527



22.7214, 28.8529, 38.4237



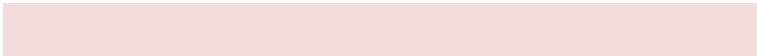
25.9858, 28.8529, 49.1661

Sweetspot

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



32.7348, 28.8543, 25.3172



75.6018, 75.9533, 78.6971



37.0354, 30.1397, 49.3048



16.3539, 16.2981, 16.7338



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.



32.7348, 28.8543, 25.3172



55.4959, 46.7050, 38.1957



36.9753, 37.3354, 26.7307



9.0302, 9.0633, 9.3803



13.6849, 7.1461, 0.6581



0.4914, 0.2698, 0.0262

Inverse Universe

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



35.3629, 42.6500, 52.8230



60.9732, 75.4677, 95.5545



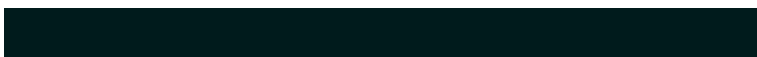
30.2239, 32.3721, 51.1100



9.2379, 10.1530, 11.5523



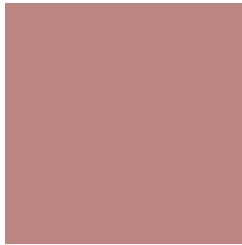
16.8503, 24.1602, 35.0284



0.6028, 0.8692, 1.2378

Previews

White Background



This preview shows how the XYZ color 32.7340, 28.8529, 25.3166 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 32.7340, 28.8529, 25.3166 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 32.7340, 28.8529, 25.3166

Background



This preview shows how black text looks on a background with the XYZ color 32.7340, 28.8529, 25.3166.



This preview shows how white text looks on a background with the XYZ color 32.7340, 28.8529,

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

32.7340, 28.8529, 25.3166

Protanopia

27.6288, 28.9721, 28.1807

Deuteranopia

29.4237, 28.8502, 24.7867



Tritanopia

33.4175, 28.7205, 28.9816

Trichromacy



Original Color

32.7340, 28.8529, 25.3166

Protanomaly

29.2079, 28.6915, 26.9203

Deuteranomaly

30.5733, 28.7873, 25.0642

Tritanomaly

33.2601, 28.8735, 27.4870

Monochromacy



Original Color

32.7340, 28.8529, 25.3166

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.6052, 29.2793, 29.6823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7340, 28.8529, 25.3166 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, 133, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 133, 131)  
}
```

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, 133, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 133, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.7340, 28.8529, 25.3166 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, 133, 131) }
```


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

```
.border{ border-color:rgb(186, 133, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 133, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 133, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 133, 131);  
box-shadow:4px 4px 4px 4px rgb(186, 133,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7340, 28.8529, 25.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 133, 131) }
```

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

```
.background{ background-color: rgb(186,  
133, 131) }
```

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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