

Converting Colors

XYZ(32.9422, 28.1233, 25.5801)

Have a look what the booklet for
XYZ(32.9422, 28.1233, 25.5801)
contains.

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Color

**XYZ(33.0014, 28.1853,
25.5307)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8184
RGB	189, 129, 132
RGB Percent	74%, 51%, 52%
CMY	0.2588, 0.4941, 0.4823
CMYK	0.00, 0.32, 0.30, 0.26
HSL	357°, 31%, 62%
HSV	357°, 32%, 74%
XYZ	33.0014, 28.1853, 25.5307
YIQ	147.2820, 34.7970, 13.6530

Conversions

Conversions Part 2

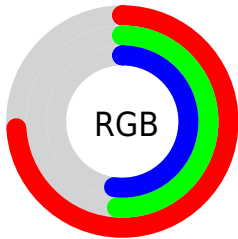
Format	Color
R_{YB}	189, 129, 132
Decimal	12419460
CIE _{Lab}	60.06, 23.60, 7.80
CIE _{LCh}	60, 24.856, 18.293
Yxy	28.1853, 0.3806, 0.3250
Android (android.graphics.Color)	4290609540 (0xFFBD8184)
YUV	147.2820, -7.5340, 36.5867
Hunter-Lab	53.0898, 18.0510, 8.6505

Details

The XYZ color **33.0014, 28.1853, 25.5307** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.1151, 44.6082, 53.1636**, and the grayscale version is **27.8707, 29.3221, 31.9318**.

A 20% lighter version of the original color is **63.4909, 56.5515, 53.4681**, and **14.1888, 11.2848, 9.6140** is the 20% darker color. If you saturate the color by 10%, you get **29.6134, 23.2093, 18.8519**, and if you desaturate by 10%, it is **37.0629, 34.1695, 33.4780**.

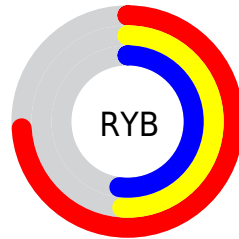
Distribution



Red (74%)

Green (51%)

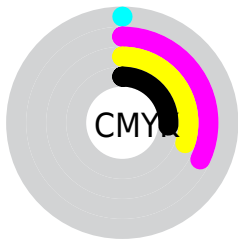
Blue (52%)



Red (74%)

Yellow (51%)

Blue (52%)

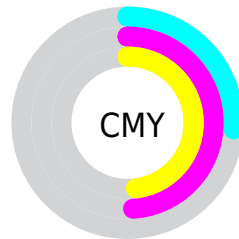


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0014, 28.1853, 25.5307 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 33.0014, 28.1853, 25.5307 by changing the saturation by 10% instead.


 33.0014, 28.1853,
25.5307


 33.0014, 28.1853,
25.5307


307.3209,
293.3513, 294.0025

 22.2868, 18.4654,
16.2503


 63.7324, 56.7801,
53.4916

 14.1855, 11.2846,
9.5452


 84.4794, 76.4239,
73.0092

 8.3324, 6.2586,
4.9968


 109.3013,
100.1443, 96.7763

 4.3620, 3.0030,
2.1867

138.5634,
128.3259, 125.2113

 1.9089, 1.1333,
0.6667

172.6311,
161.3530, 158.7329

 0.5820, 0.0062,
0.0000

211.8696,

 0.0000, 0.0000,

199.6100, 197.7596

0.0000

256.6445,
243.4813, 242.7100

■ 33.0014, 28.1853,
25.5307

■ 33.0014, 28.1853,
25.5307

■ 29.6134, 23.2093,
18.8519

■ 37.0629, 34.1695,
33.4780

■ 26.8603, 19.1823,
13.3745

■ 41.8292, 41.2088,
42.7529

■ 24.7033, 16.0451,
9.0276

■ 47.3322, 49.3521,
53.4130

■ 23.0982, 13.7302,
5.7322

■ 53.6015, 58.6441,
65.5116

■ 21.9948, 12.1607,
3.3992

■ 60.6648, 69.1268,
79.0996

■ 21.3334, 11.2449,
1.9247

■ 68.5485, 80.8403,
94.2253

■ 21.0380, 10.8395,
1.2544

■ 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



33.2101, 28.1853, 34.3679



33.0014, 28.1853, 25.5307



31.0514, 28.1853, 19.4171

Triad

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



33.0014, 28.1853, 25.5307



22.4927, 28.1853, 20.4809



25.5718, 28.1853, 51.1456

Complementary

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



33.0014, 28.1853, 25.5307



36.1151, 44.6082, 53.1636

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.



22.9362, 28.1853, 45.6484



33.0014, 28.1853, 25.5307



21.2545, 28.1853, 27.2825

Square

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



33.0014, 28.1853, 25.5307



24.9218, 28.1853, 16.9226



21.4102, 28.1853, 36.4991



28.7478, 28.1853, 50.4196

Rectangle

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



33.0014, 28.1853, 25.5307



29.1068, 28.1853, 17.1628



21.4102, 28.1853, 36.4991



24.5982, 28.1853, 49.9262

Sweetspot

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



33.0022, 28.1866, 25.5313



76.3873, 75.9805, 79.4258



37.2861, 29.8151, 51.9340



16.1456, 15.9235, 16.5346



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.



33.0022, 28.1866, 25.5313



54.8148, 44.1749, 37.2774



36.8381, 36.1819, 25.8128



9.5490, 9.5439, 10.0138



14.1635, 7.2965, 0.8886



0.5615, 0.2885, 0.0700

Inverse Universe

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



33.0022, 28.1866, 25.5313



54.8148, 44.1749, 37.2774



31.1601, 34.1832, 53.1000



9.5490, 9.5439, 10.0138



14.1635, 7.2965, 0.8886



0.5615, 0.2885, 0.0700

Previews

White Background



This preview shows how the XYZ color 33.0014, 28.1853, 25.5307 looks on a white background.

Color Contrast Check

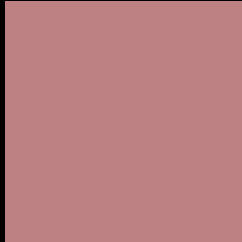
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0014, 28.1853, 25.5307 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 33.0014, 28.1853, 25.5307

Background



This preview shows how black text looks on a background with the XYZ color 33.0014, 28.1853, 25.5307.



This preview shows how white text looks on a background with the XYZ color 33.0014, 28.1853,

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

33.0014, 28.1853, 25.5307

Protanopia

27.1013, 28.2295, 28.8314

Deuteranopia

28.9244, 28.3672, 25.0700



Tritanopia

33.5418, 28.2205, 27.7240

Trichromacy



Original Color

33.0014, 28.1853, 25.5307

Protanomaly

29.0578, 28.1639, 27.5716

Deuteranomaly

30.3565, 28.2457, 25.3247

Tritanomaly

33.3983, 28.1631, 26.9683

Monochromacy



Original Color

33.0014, 28.1853, 25.5307

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.1609, 28.3905, 29.5342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0014, 28.1853, 25.5307 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(189, 129, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 129, 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(189, 129, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 129, 132) }
```

Border

The CSS property to change the border of an element to XYZ 33.0014, 28.1853, 25.5307 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(189, 129, 132) }
```


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

```
.border{ border-color:rgb(189, 129, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 129, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 129, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 129, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 129,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0014, 28.1853, 25.5307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 129, 132) }
```

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

```
.background{ background-color: rgb(189,  
129, 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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