

Converting Colors

XYZ(33.1427, 27.8177, 25.9778)

Have a look what the booklet for
XYZ(33.1427, 27.8177, 25.9778)
contains.

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Color

**XYZ(33.0582, 27.8193,
25.8176)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7F85
RGB	190, 127, 133
RGB Percent	75%, 50%, 52%
CMY	0.2549, 0.5019, 0.4784
CMYK	0.00, 0.33, 0.30, 0.25
HSL	354°, 33%, 62%
HSV	354°, 33%, 75%
XYZ	33.0582, 27.8193, 25.8176
YIQ	146.5210, 35.6220, 15.2220

Conversions

Conversions Part 2

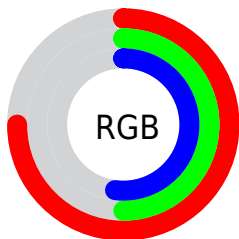
Format	Color
R_{YB}	190, 127, 133
Decimal	12484485
CIE _{Lab}	59.73, 25.23, 6.77
CIE _{LCh}	60, 26.120, 15.026
Yxy	27.8193, 0.3813, 0.3209
Android (android.graphics.Color)	4290674565 (0xFFBE7F85)
YUV	146.5210, -6.6659, 38.1311
Hunter-Lab	52.7440, 19.5759, 7.8990

Details

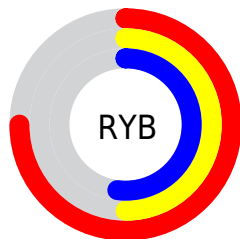
The XYZ color **33.0582, 27.8193, 25.8176** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8188, 44.8003, 52.1091**, and the grayscale version is **27.5525, 28.9874, 31.5672**.

A 20% lighter version of the original color is **63.8956, 56.1441, 53.9236**, and **14.2458, 11.0987, 9.7789** is the 20% darker color. If you saturate the color by 10%, you get **29.7396, 22.9298, 19.3234**, and if you desaturate by 10%, it is **37.0354, 33.7146, 33.4911**.

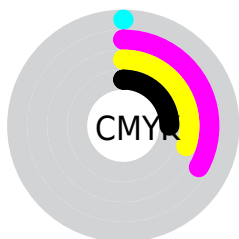
Distribution



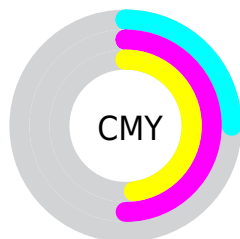
- Red (75%)
- Green (50%)
- Blue (52%)



- Red (75%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (25%)





- Cyan (25%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0582, 27.8193, 25.8176 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 33.0582, 27.8193, 25.8176 by changing the saturation by 10% instead.


 33.0582, 27.8193,
25.8176


 33.0582, 27.8193,
25.8176


307.5723,
291.6025, 295.4625


 22.3305, 18.1895,
16.4627


 63.8205, 56.1958,
53.9610

 14.2179, 11.0861,
9.6943

 84.5857, 75.7113,
73.5866

 8.3551, 6.1248,
5.0938


 109.4275, 99.2908,
97.4728

 4.3767, 2.9211,
2.2427

138.7112,
127.3187, 126.0382

 1.9174, 1.0907,
0.6988

172.8022,
160.1795, 159.7014

 0.5869, 0.0000,
0.0000

212.0658,

 0.0000, 0.0000,

198.2574, 198.8807

0.0000

256.8674,
241.9369, 243.9949

■ 33.0582, 27.8193,
25.8176

■ 33.0582, 27.8193,
25.8176

■ 29.7396, 22.9298,
19.3234

■ 37.0354, 33.7146,
33.4911

■ 27.0419, 18.9863,
13.9483

■ 41.7019, 40.6634,
42.3965

■ 24.9270, 15.9286,
9.6294


■ 47.0889, 48.7150,
52.5854


■ 23.3514, 13.6881,
6.2969


■ 53.2254, 57.9146,
64.1059

■ 22.2659, 12.1860,
3.8725

■ 60.1386, 68.3046,
77.0037

 21.6117, 11.3281,
2.2659

 67.8541, 79.9255,
91.3221

 21.3451, 10.9911,
1.5724

 74.7794, 89.5808,
106.5636

 75.0453, 89.6872,
107.9638

Harmonies

Analogous

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



33.0599, 27.8193, 35.2348



33.0582, 27.8193, 25.8176



31.1865, 27.8193, 19.1641

Triad

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



33.0582, 27.8193, 25.8176



22.2002, 27.8193, 19.1726



24.8349, 27.8193, 51.4656

Complementary

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



33.0582, 27.8193, 25.8176



35.8188, 44.8003, 52.1091

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.



22.2038, 27.8193, 45.0572



33.0582, 27.8193, 25.8176



20.7710, 27.8193, 25.8318

Square

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



33.0582, 27.8193, 25.8176



24.8296, 27.8193, 15.9065



20.7723, 27.8193, 35.2523



28.1215, 27.8193, 51.4595

Rectangle

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



33.0582, 27.8193, 25.8176



29.2131, 27.8193, 16.6187



20.7723, 27.8193, 35.2523



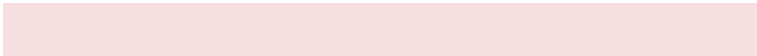
23.8508, 27.8193, 49.9395

Sweetspot

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



33.0590, 27.8206, 25.8182



78.3527, 77.8423, 82.1077



36.5798, 29.0511, 52.3948



16.9117, 16.6547, 17.4731



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.



33.0590, 27.8206, 25.8182



55.2924, 43.6092, 37.7732



36.3275, 35.0020, 24.9217



9.5661, 9.5507, 10.1039



14.2068, 7.3139, 1.1167



0.5691, 0.2915, 0.1099

Inverse Universe

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



33.0590, 27.8206, 25.8182



55.2924, 43.6092, 37.7732



31.4668, 35.0690, 53.8259



9.5661, 9.5507, 10.1039



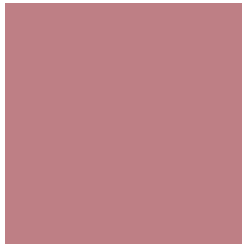
14.2068, 7.3139, 1.1167



0.5691, 0.2915, 0.1099

Previews

White Background



This preview shows how the XYZ color 33.0582, 27.8193, 25.8176 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 33.0582, 27.8193, 25.8176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

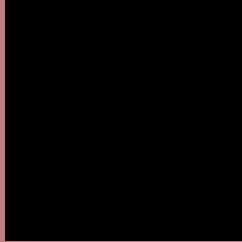
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.0582, 27.8193, 25.8176

Background



This preview shows how black text looks on a background with the XYZ color 33.0582, 27.8193, 25.8176.



This preview shows how white text looks on a background with the XYZ color 33.0582, 27.8193,

25.8176.

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

33.0582, 27.8193, 25.8176

Protanopia

26.8884, 28.1026, 29.5984

Deuteranopia

28.4336, 27.8905, 25.3575



Tritanopia

33.2685, 27.9035, 26.9250

Trichromacy



Original Color

33.0582, 27.8193, 25.8176

Protanomaly

28.8529, 27.8276, 28.2766

Deuteranomaly

30.0624, 27.8781, 25.6264

Tritanomaly

33.1978, 27.8752, 26.5524

Monochromacy



Original Color

33.0582, 27.8193, 25.8176

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 33.0582, 27.8193, 25.8176 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(190, 127, 133)` looks like.

```
.text, #text, p{  
    color:rgb(190, 127, 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(190, 127, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 127, 133) }
```

Border

The CSS property to change the border of an element to XYZ 33.0582, 27.8193, 25.8176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

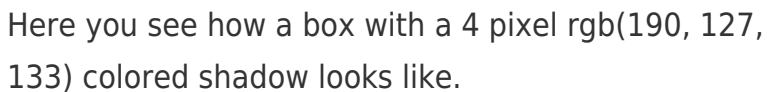
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 127, 133) }
```


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

```
.border{ border-color:rgb(190, 127, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 127, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 127, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 127, 133); box-shadow:4px 4px 4px 4px rgb(190, 127, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0582, 27.8193, 25.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 127, 133) }
```

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

```
.background{ background-color: rgb(190,  
127, 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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