

Converting Colors

XYZ(33.0169, 27.9775, 26.2266)

Have a look what the booklet for
XYZ(33.0169, 27.9775, 26.2266)
contains.

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Color

**XYZ(33.0085, 27.9784,
26.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8086
RGB	189, 128, 134
RGB Percent	74%, 50%, 53%
CMY	0.2588, 0.4980, 0.4745
CMYK	0.00, 0.32, 0.29, 0.26
HSL	354°, 32%, 62%
HSV	354°, 32%, 74%
XYZ	33.0085, 27.9784, 26.2149
YIQ	146.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

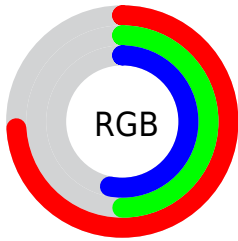
Format	Color
R _Y B	189, 128, 134
Decimal	12419206
CIE Lab	59.87, 24.43, 6.39
CIE LCh	60, 25.251, 14.655
Yxy	27.9784, 0.3785, 0.3208
Android (android.graphics.Color)	4290609286 (0xFFBD8086)
YUV	146.9230, -6.3710, 36.9015
Hunter-Lab	52.8946, 18.8261, 7.6417

Details

The XYZ color **33.0085, 27.9784, 26.2149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6481, 44.4039, 51.4940**, and the grayscale version is **27.7175, 29.1610, 31.7563**.

A 20% lighter version of the original color is **63.4995, 56.2284, 54.5201**, and **14.1956, 11.1730, 10.0027** is the 20% darker color. If you saturate the color by 10%, you get **29.6746, 23.0619, 19.7043**, and if you desaturate by 10%, it is **36.9947, 33.8925, 33.8886**.

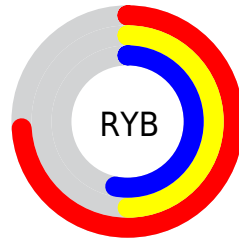
Distribution



Red (74%)

Green (50%)

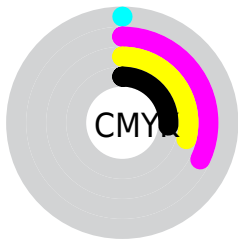
Blue (53%)



Red (74%)

Yellow (50%)

Blue (53%)

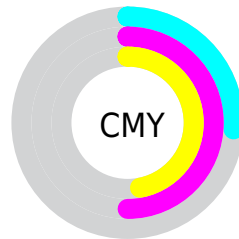


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (26%)



Cyan (26%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0085, 27.9784, 26.2149 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 33.0085, 27.9784, 26.2149 by changing the saturation by 10% instead.

33.0085, 27.9784,
26.2149

33.0085, 27.9784,
26.2149

307.3523,
292.3637, 297.4744

22.2922, 18.3094,
16.7573

63.7434, 56.4500,
54.6098

14.1896, 11.1723,
9.9015

84.4927, 76.0213,
74.3841

8.3352, 6.1829,
5.2289

109.3171, 99.6622,
98.4344

4.3638, 2.9566,
2.3211

138.5819,
127.7570, 127.1792

1.9099, 1.1091,
0.7430

172.6525,
160.6902, 161.0370

0.5826, 0.0000,
0.0000

211.8942,

0.0000, 0.0000,

198.8461, 200.4265

0.0000

256.6723,
242.6091, 245.7661

■ 33.0085, 27.9784,
26.2149

■ 33.0085, 27.9784,
26.2149

■ 29.6746, 23.0619,
19.7043

■ 36.9947, 33.8925,
33.8886

■ 26.9560, 19.0843,
14.2984

■ 41.6629, 40.8508,
42.7765

■ 24.8155, 15.9868,
9.9361


■ 47.0440, 48.9016,
52.9289


■ 23.2109, 13.7025,
6.5499


■ 53.1661, 58.0893,
64.3925


■ 22.0942, 12.1548,
4.0642


■ 60.0560, 68.4557,
77.2118

 21.4089, 11.2523,
2.3922

 67.7388, 80.0404,
91.4292

 21.1003, 10.8644,
1.5824

 74.5231, 89.4495,
106.5133

 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.



32.9863, 27.9784, 35.3749



33.0085, 27.9784, 26.2149



31.2197, 27.9784, 19.6707

Triad

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



33.0085, 27.9784, 26.2149



22.4939, 27.9784, 19.5586



24.9956, 27.9784, 50.8400

Complementary

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



33.0085, 27.9784, 26.2149



35.6481, 44.4039, 51.4940

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.



22.4470, 27.9784, 44.6212



33.0085, 27.9784, 26.2149



21.0836, 27.9784, 26.0295

Square

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



33.0085, 27.9784, 26.2149



25.0644, 27.9784, 16.3850



21.0671, 27.9784, 35.1485



28.1817, 27.9784, 50.9175

Rectangle

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



33.0085, 27.9784, 26.2149



29.3177, 27.9784, 17.1398



21.0671, 27.9784, 35.1485



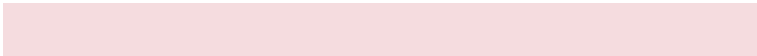
24.0419, 27.9784, 49.3505

Sweetspot

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



33.0093, 27.9797, 26.2155



76.5461, 76.0440, 80.2624



36.4099, 29.1689, 51.8553



16.1838, 15.9388, 16.7355



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.



33.0093, 27.9797, 26.2155



54.6190, 43.4686, 38.1821



36.1767, 34.9650, 25.2660



9.5673, 9.5512, 10.1102



14.2104, 7.3153, 1.1355



0.5696, 0.2917, 0.1127

Inverse Universe

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



33.0093, 27.9797, 26.2155



54.6190, 43.4686, 38.1821



31.4716, 35.0306, 53.2470



9.5673, 9.5512, 10.1102



14.2104, 7.3153, 1.1355



0.5696, 0.2917, 0.1127

Previews

White Background



This preview shows how the XYZ color 33.0085, 27.9784, 26.2149 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 33.0085, 27.9784, 26.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

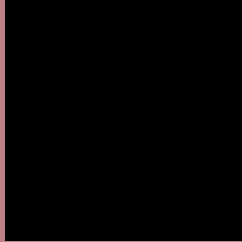
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.0085, 27.9784, 26.2149

Background



This preview shows how black text looks on a background with the XYZ color 33.0085, 27.9784, 26.2149.



This preview shows how white text looks on a background with the XYZ color 33.0085, 27.9784,

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

33.0085, 27.9784, 26.2149

Protanopia

27.1439, 28.2256, 30.0040

Deuteranopia

28.5017, 27.9177, 25.7162



Tritanopia

33.0910, 27.8037, 27.2895

Trichromacy



Original Color

33.0085, 27.9784, 26.2149

Protanomaly

28.9264, 27.8569, 28.6633

Deuteranomaly

29.9109, 27.7921, 25.9782

Tritanomaly

33.0196, 27.7751, 26.9134

Monochromacy



Original Color

33.0085, 27.9784, 26.2149

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 33.0085, 27.9784, 26.2149 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, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(189, 128, 134)  
}
```

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, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 128, 134) }
```

Border

The CSS property to change the border of an element to XYZ 33.0085, 27.9784, 26.2149 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, 128, 134) }
```


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

```
.border{ border-color:rgb(189, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(189, 128,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0085, 27.9784, 26.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 128, 134) }
```

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

```
.background{ background-color: rgb(189,  
128, 134) }
```

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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