

Converting Colors

XYZ(33.5141, 29.2078, 26.0443)

Have a look what the booklet for
XYZ(33.5141, 29.2078, 26.0443)
contains.

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Color

**XYZ(33.6074, 29.2873,
26.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8585
RGB	189, 133, 133
RGB Percent	74%, 52%, 52%
CMY	0.2588, 0.4784, 0.4784
CMYK	0.00, 0.30, 0.30, 0.26
HSL	0°, 30%, 63%
HSV	0°, 30%, 74%
XYZ	33.6074, 29.2873, 26.0720
YIQ	149.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

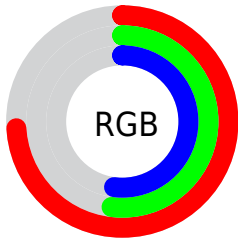
Format	Color
R_{YB}	189, 133, 133
Decimal	12420485
CIE _{Lab}	61.03, 21.52, 8.62
CIE _{LCh}	61, 23.184, 21.837
Yxy	29.2873, 0.3778, 0.3292
Android (android.graphics.Color)	4290610565 (0xFFBD8585)
YUV	149.7440, -8.2548, 34.4275
Hunter-Lab	54.1177, 16.1434, 9.3186

Details

The XYZ color **33.6074, 29.2873, 26.0720** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0551, 45.0543, 54.8875**, and the grayscale version is **28.9055, 30.4109, 33.1174**.

A 20% lighter version of the original color is **64.4279, 58.2558, 54.3032**, and **14.5250, 11.8949, 9.9179** is the 20% darker color. If you saturate the color by 10%, you get **30.0586, 24.0946, 19.0162**, and if you desaturate by 10%, it is **37.8583, 35.5078, 34.5216**.

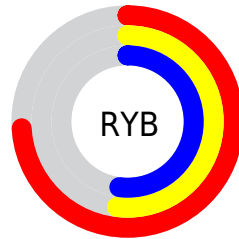
Distribution



Red (74%)

Green (52%)

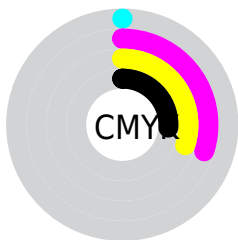
Blue (52%)



Red (74%)

Yellow (52%)

Blue (52%)

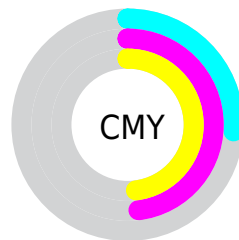


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6074, 29.2873, 26.0720 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 33.6074, 29.2873, 26.0720 by changing the saturation by 10% instead.


 33.6074, 29.2873,
26.0720


 33.6074, 29.2873,
26.0720


309.9947,
298.5681, 296.7521


 22.7536, 19.2983,
16.6513


 64.6710, 58.5332,
54.3766

 14.5314, 11.8860,
9.8268

 85.6116, 78.5589,
74.0975

 8.5753, 6.6661,
5.1802


 110.6451,
102.6990, 98.0889

 4.5201, 3.2542,
2.2928

140.1370,
131.3377, 126.7694

 2.0004, 1.2658,
0.7272

174.4525,
164.8597, 160.5573

 0.6342, 0.1145,
0.0000

213.9571,

 0.0000, 0.0000,

203.6491, 199.8714

0.0000

259.0160,
248.0904, 245.1302

■ 33.6074, 29.2873,
26.0720

■ 33.6074, 29.2873,
26.0720

■ 30.0586, 24.0946,
19.0162

■ 37.8583, 35.5078,
34.5216

■ 27.1719, 19.8705,
13.2777

■ 42.8436, 42.8027,
44.4323

■ 24.9070, 16.5563,
8.7754

■ 48.5966, 51.2210,
55.8693

■ 23.2183, 14.0852,
5.4185

■ 55.1479, 60.8073,
68.8933

■ 22.0539, 12.3812,
3.1038

■ 62.5263, 71.6038,
83.5616

■ 21.3524, 11.3547,
1.7096

■ 70.7592, 83.6507,
99.9286

■ 20.9979, 10.8359,
1.0049

■ 74.7963, 89.5588,
107.9521

■ 20.9864, 10.8191,
0.9822

Harmonies

Analogous

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



34.0164, 29.2873, 34.3191



33.6074, 29.2873, 26.0720



31.5972, 29.2873, 20.4788

Triad

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



33.6074, 29.2873, 26.0720



23.4993, 29.2873, 22.6436



27.0170, 29.2873, 51.4390

Complementary

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



33.6074, 29.2873, 26.0720



37.0551, 45.0543, 54.8875

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.



24.3871, 29.2873, 46.9028



33.6074, 29.2873, 26.0720



22.4547, 29.2873, 29.5762

Square

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



33.6074, 29.2873, 26.0720



25.7237, 29.2873, 18.7642



22.7676, 29.2873, 38.5124



30.0624, 29.2873, 50.0366

Rectangle

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



33.6074, 29.2873, 26.0720



29.6941, 29.2873, 18.5082



22.7676, 29.2873, 38.5124



26.0584, 29.2873, 50.5327

Sweetspot

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



33.6082, 29.2887, 26.0726



77.2006, 77.3440, 80.5081



38.5593, 31.2683, 52.1473



16.3016, 16.1934, 16.7164



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.



33.6082, 29.2887, 26.0726



55.6468, 45.8048, 37.6600



37.9650, 38.0022, 27.5248



9.5302, 9.5365, 9.9151



14.1203, 7.2795, 0.6609



0.5531, 0.2852, 0.0259

Inverse Universe

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



37.0551, 45.0543, 54.8875



62.8817, 78.8957, 98.1404



31.6033, 34.1507, 53.0702



9.8086, 10.8095, 12.2417



18.4222, 26.9562, 36.6250



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 33.6074, 29.2873, 26.0720 looks on a white background.

Color Contrast Check

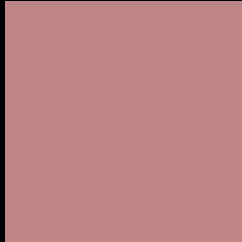
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6074, 29.2873, 26.0720 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 33.6074, 29.2873, 26.0720

Background



This preview shows how black text looks on a background with the XYZ color 33.6074, 29.2873, 26.0720.



This preview shows how white text looks on a background with the XYZ color 33.6074, 29.2873,

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

33.6074, 29.2873, 26.0720

Protanopia

28.1162, 29.4363, 29.0108

Deuteranopia

29.9182, 29.3095, 25.5532



Tritanopia

34.3690, 29.4027, 29.4550

Trichromacy



Original Color

33.6074, 29.2873, 26.0720

Protanomaly

29.7054, 29.1515, 27.7281

Deuteranomaly

31.3020, 29.3613, 25.8473

Tritanomaly

34.1467, 29.3138, 28.2845

Monochromacy



Original Color

33.6074, 29.2873, 26.0720

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.3171, 29.8526, 30.5498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6074, 29.2873, 26.0720 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, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(189, 133, 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(189, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 33.6074, 29.2873, 26.0720 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, 133, 133) }
```


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

```
.border{ border-color:rgb(189, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(189, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6074, 29.2873, 26.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 133, 133) }
```

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

```
.background{ background-color: rgb(189,  
133, 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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