

Converting Colors

XYZ(32.5886, 26.6430, 33.9967)

Have a look what the booklet for
XYZ(32.5886, 26.6430, 33.9967)
contains.

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Color

**XYZ(32.6829, 26.6894,
34.0008)**

Conversions

Conversions Part 1

Format	Color
Hex	B87B9A
RGB	184, 123, 154
RGB Percent	72%, 48%, 60%
CMY	0.2784, 0.5176, 0.3961
CMYK	0.00, 0.33, 0.16, 0.28
HSL	330°, 30%, 60%
HSV	330°, 33%, 72%
XYZ	32.6829, 26.6894, 34.0008
YIQ	144.7730, 26.4050, 22.5730

Conversions

Conversions Part 2

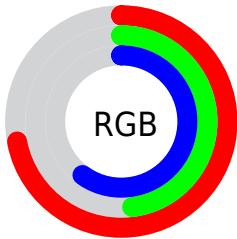
Format	Color
RYB	184, 123, 154
Decimal	12090266
CIELab	58.69, 28.37, -6.92
CIELCh	59, 29.203, 346.295
Yxy	26.6894, 0.3500, 0.2858
Android (android.graphics.Color)	4290280346 (0xFFB87B9A)
YUV	144.7730, 4.5489, 34.4021
Hunter-Lab	51.6618, 22.5167, -2.8580

Details

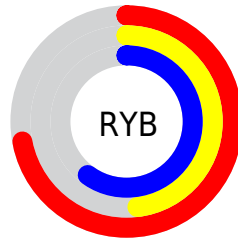
The XYZ color **32.6829, 26.6894, 34.0008** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.0599, 40.7927, 36.3758**, and the grayscale version is **26.7969, 28.1924, 30.7015**.

A 20% lighter version of the original color is **63.1861, 54.3055, 66.8262**, and **14.0366, 10.4902, 14.1170** is the 20% darker color. If you saturate the color by 10%, you get **29.8858, 22.2560, 29.4889**, and if you desaturate by 10%, it is **35.9674, 32.0059, 38.9561**.

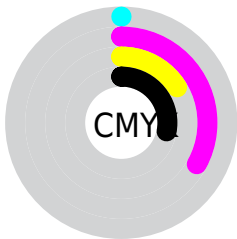
Distribution



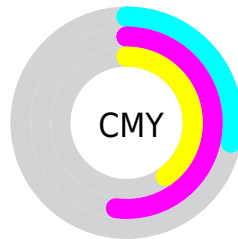
- Red (72%)
- Green (48%)
- Blue (60%)



- Red (72%)
- Yellow (48%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6829, 26.6894, 34.0008 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 32.6829, 26.6894, 34.0008 by changing the saturation by 10% instead.

■ 32.6829, 26.6894,
34.0008

■ 32.6829, 26.6894,
34.0008

305.9088,
286.1501, 334.9049

■ 22.0417, 17.3401,
22.6168

■ 63.2381, 54.3851,
67.0688

■ 14.0043, 10.4773,
14.1082

■ 83.8829, 73.5002,
89.5900

■ 8.2054, 5.7165,
8.0564

■ 108.5929, 96.6394,
116.6606

■ 4.2796, 2.6735,
4.0427

137.7335,
124.1870, 148.6993

■ 1.8615, 0.9637,
1.6488

171.6700,
156.5275, 186.1245

■ 0.5543, 0.0000,
0.3253

210.7678,

■ 0.0000, 0.0000,

194.0453, 229.3548

0.0000

255.3923,
237.1247, 278.8087

■ 32.6829, 26.6894,
34.0008

■ 32.6829, 26.6894,
34.0008

■ 29.8858, 22.2560,
29.4889

■ 35.9674, 32.0059,
38.9561

■ 27.5484, 18.6535,
25.4042

■ 39.7604, 38.2468,
44.3670

■ 25.6437, 15.8295,
21.7317

■ 44.0844, 45.4552,
50.2471

■ 24.1409, 13.7243,
18.4544

■ 48.9602, 53.6702,
56.6088

■ 23.0044, 12.2694,
15.5538

■ 54.4069, 62.9290,
63.4640

■ 22.1921, 11.3826,
13.0085

■ 60.4432, 73.2667,
70.8241

■ 21.7655, 10.9897,
11.4471

■ 67.0865, 84.7169,
78.7003

■ 69.3097, 87.2234,
85.4218

■ 70.5877, 87.7346,
92.1519

Harmonies

Analogous

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



30.6925, 26.6894, 44.9736



32.6829, 26.6894, 34.0008



32.5874, 26.6894, 23.8584

Triad

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



32.6829, 26.6894, 34.0008



23.4794, 26.6894, 13.9143



20.8902, 26.6894, 45.8241

Complementary

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



32.6829, 26.6894, 34.0008



31.0599, 40.7927, 36.3758

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.



19.3014, 26.6894, 34.9680



32.6829, 26.6894, 34.0008



20.6970, 26.6894, 17.4281

Square

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



32.6829, 26.6894, 34.0008



27.0385, 26.6894, 13.7732



19.2342, 26.6894, 24.6230



23.7667, 26.6894, 52.8114

Rectangle

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



32.6829, 26.6894, 34.0008



31.3483, 26.6894, 18.8577



19.2342, 26.6894, 24.6230



20.2002, 26.6894, 42.4049

Sweetspot

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



32.6837, 26.6906, 34.0013



74.3114, 73.0428, 83.5158



28.7754, 24.3502, 48.5312



15.7924, 15.3683, 17.6909



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.6837, 26.6906, 34.0013



55.3541, 42.1947, 55.4120



30.4903, 25.8133, 22.4513



9.1899, 9.0863, 10.3475



15.0363, 7.5883, 8.0779



0.5613, 0.2800, 0.4490

Inverse Universe

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



32.6837, 26.6906, 34.0013



55.3541, 42.1947, 55.4120



33.8553, 41.9108, 51.0963



9.1899, 9.0863, 10.3475



15.0363, 7.5883, 8.0779



0.5613, 0.2800, 0.4490

Previews

White Background



This preview shows how the XYZ color 32.6829, 26.6894, 34.0008 looks on a white background.

Color Contrast Check

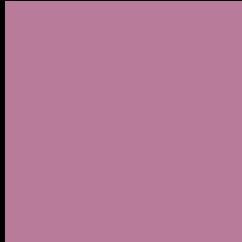
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6829, 26.6894, 34.0008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

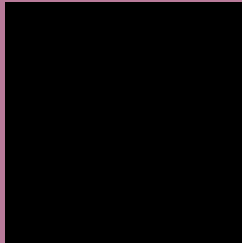
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6829, 26.6894, 34.0008

Background



This preview shows how black text looks on a background with the XYZ color 32.6829, 26.6894, 34.0008.



This preview shows how white text looks on a background with the XYZ color 32.6829, 26.6894,

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

32.6829, 26.6894, 34.0008

Protanopia

26.4861, 26.7911, 39.3725

Deuteranopia

27.2941, 26.7050, 32.9942



Tritanopia

31.1962, 26.6444, 26.7912

Trichromacy



Original Color

32.6829, 26.6894, 34.0008

Protanomaly

28.2845, 26.4934, 37.3412

Deuteranomaly

29.0230, 26.5561, 33.3019

Tritanomaly

31.8200, 26.7177, 29.4665

Monochromacy



Original Color

32.6829, 26.6894, 34.0008

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.5890, 27.4004, 31.7990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6829, 26.6894, 34.0008 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(184, 123, 154)` looks like.

```
.text, #text, p{  
    color:rgb(184, 123, 154)  
}
```

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(184, 123, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 123, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.6829, 26.6894, 34.0008 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(184, 123, 154) }
```


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

```
.border{ border-color:rgb(184, 123, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 123, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 123, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 123, 154);  
box-shadow:4px 4px 4px 4px rgb(184, 123,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6829, 26.6894, 34.0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 123, 154) }
```

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

```
.background{ background-color: rgb(184,  
123, 154) }
```

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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