

Converting Colors

XYZ(32.8404, 26.2025, 34.0405)

Have a look what the booklet for
XYZ(32.8404, 26.2025, 34.0405)
contains.

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Color

**XYZ(32.7989, 26.2051,
33.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	BA789A
RGB	186, 120, 154
RGB Percent	73%, 47%, 60%
CMY	0.2706, 0.5294, 0.3961
CMYK	0.00, 0.35, 0.17, 0.27
HSL	329°, 32%, 60%
HSV	329°, 35%, 73%
XYZ	32.7989, 26.2051, 33.9013
YIQ	143.6100, 28.4220, 24.5660

Conversions

Conversions Part 2

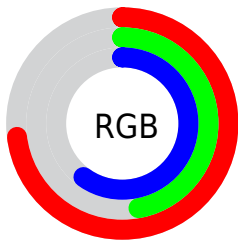
Format	Color
R_{YB}	186, 120, 154
Decimal	12220570
CIE _{Lab}	58.23, 30.74, -7.57
CIE _{LCh}	58, 31.662, 346.167
Yxy	26.2051, 0.3530, 0.2821
Android (android.graphics.Color)	4290410650 (0xFFBA789A)
YUV	143.6100, 5.1223, 37.1760
Hunter-Lab	51.1909, 24.7839, -3.4313

Details

The XYZ color **32.7989, 26.2051, 33.9013** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.9732, 41.3786, 36.0620**, and the grayscale version is **26.3252, 27.6962, 30.1612**.

A 20% lighter version of the original color is **63.2909, 53.4959, 66.6645**, and **13.9984, 10.1849, 14.0600** is the 20% darker color. If you saturate the color by 10%, you get **30.0524, 21.8691, 29.4181**, and if you desaturate by 10%, it is **36.0379, 31.4351, 38.8277**.

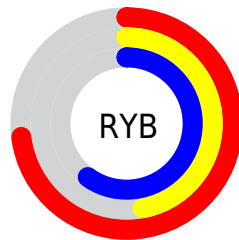
Distribution



Red (73%)

Green (47%)

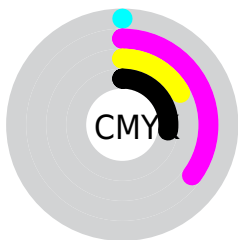
Blue (60%)



Red (73%)

Yellow (47%)

Blue (60%)

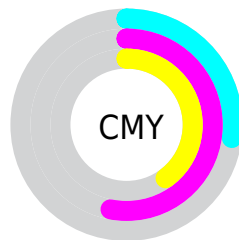


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7989, 26.2051, 33.9013 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 32.7989, 26.2051, 33.9013 by changing the saturation by 10% instead.


 32.7989, 26.2051,
33.9013


 32.7989, 26.2051,
33.9013


306.4236,
283.7875, 334.4474


 22.1309, 16.9771,
22.5410


 63.4182, 53.6056,
66.9123

 14.0703, 10.2182,
14.0529

 84.1003, 72.5470,
89.4001

 8.2516, 5.5439,
8.0183


 108.8511, 95.4950,
116.4342

 4.3095, 2.5698,
4.0187

138.0360,
122.8339, 148.4331

 1.8787, 0.9115,
1.6356

172.0203,
154.9482, 185.8153

 0.5644, 0.0000,
0.3160

211.1695,

 0.0000, 0.0000,

192.2223, 228.9994

0.0000

255.8488,
235.0406, 278.4039

■ 32.7989, 26.2051,
33.9013

■ 32.7989, 26.2051,
33.9013

■ 30.0524, 21.8691,
29.4181

■ 36.0379, 31.4351,
38.8277

■ 27.7695, 18.3723,
25.3616

■ 39.7915, 37.6024,
44.2097

■ 25.9220, 15.6599,
21.7163

■ 44.0832, 44.7518,
50.0612

■ 24.4771, 13.6686,
18.4648

■ 48.9344, 52.9242,
56.3948

■ 23.3972, 12.3254,
15.5878

■ 54.3650, 62.1580,
63.2225

■ 22.6359, 11.5396,
13.0627

■ 60.3944, 72.4898,
70.5561

■ 22.3526, 11.2803,
12.0207

■ 67.0407, 83.9544,
78.4068

■ 69.7579, 87.4584,
85.2641

■ 71.0297, 87.9671,
91.9609

Harmonies

Analogous

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



30.6309, 26.2051, 45.8550



32.7989, 26.2051, 33.9013



32.7053, 26.2051, 23.0333

Triad

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



32.7989, 26.2051, 33.9013



22.9045, 26.2051, 12.6439



20.1292, 26.2051, 46.6972

Complementary

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



32.7989, 26.2051, 33.9013



30.9732, 41.3786, 36.0620

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.



18.4590, 26.2051, 34.8448



32.7989, 26.2051, 33.9013



19.9449, 26.2051, 16.2363

Square

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



32.7989, 26.2051, 33.9013



26.7172, 26.2051, 12.5145



18.3952, 26.2051, 23.7634



23.1808, 26.2051, 54.4301

Rectangle

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



32.7989, 26.2051, 33.9013



31.3661, 26.2051, 17.7715



18.3952, 26.2051, 23.7634



19.4020, 26.2051, 42.9434

Sweetspot

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



32.7997, 26.2063, 33.9018



75.3469, 73.5054, 84.5868



28.5107, 23.6452, 49.5160



16.3637, 15.8063, 18.3132



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.



32.7997, 26.2063, 33.9018



55.2900, 40.9165, 54.7030



30.4245, 25.2562, 21.3941



9.1925, 9.0874, 10.3613



15.0761, 7.6042, 8.2874



0.5626, 0.2805, 0.4561

Inverse Universe

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



32.7997, 26.2063, 33.9018



55.2900, 40.9165, 54.7030



34.0519, 42.6100, 52.2738



9.1925, 9.0874, 10.3613



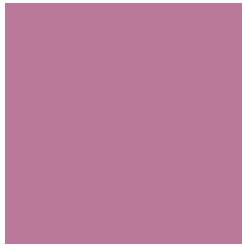
15.0761, 7.6042, 8.2874



0.5626, 0.2805, 0.4561

Previews

White Background



This preview shows how the XYZ color 32.7989, 26.2051, 33.9013 looks on a white background.

Color Contrast Check

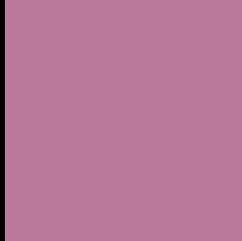
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7989, 26.2051, 33.9013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

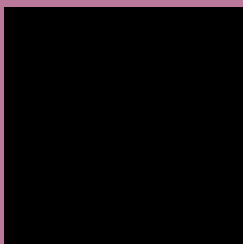
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7989, 26.2051, 33.9013

Background



This preview shows how black text looks on a background with the XYZ color 32.7989, 26.2051, 33.9013.



This preview shows how white text looks on a background with the XYZ color 32.7989, 26.2051,

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

32.7989, 26.2051, 33.9013

Protanopia

26.1072, 26.3693, 39.7902

Deuteranopia

26.7845, 26.2322, 32.9298



Tritanopia

31.2085, 26.2991, 25.6217

Trichromacy



Original Color

32.7989, 26.2051, 33.9013

Protanomaly

28.0993, 25.9812, 37.7163

Deuteranomaly

28.5504, 25.9136, 33.2028

Tritanomaly

31.8983, 26.4033, 28.6144

Monochromacy



Original Color

32.7989, 26.2051, 33.9013

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3073, 26.8370, 31.7051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7989, 26.2051, 33.9013 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(186, 120, 154)` looks like.

```
.text, #text, p{  
    color:rgb(186, 120, 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(186, 120, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 120, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.7989, 26.2051, 33.9013 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(186, 120, 154) }
```


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

```
.border{ border-color:rgb(186, 120, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 120, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 120, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 120, 154);  
box-shadow:4px 4px 4px 4px rgb(186, 120,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7989, 26.2051, 33.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 120, 154) }
```

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

```
.background{ background-color: rgb(186,  
120, 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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