

Converting Colors

XYZ(32.2777, 26.0453, 31.0585)

Have a look what the booklet for
XYZ(32.2777, 26.0453, 31.0585)
contains.

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Color

**XYZ(32.2326, 25.9786,
30.9193)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7893
RGB	186, 120, 147
RGB Percent	73%, 47%, 58%
CMY	0.2706, 0.5294, 0.4235
CMYK	0.00, 0.35, 0.21, 0.27
HSL	335°, 32%, 60%
HSV	335°, 35%, 73%
XYZ	32.2326, 25.9786, 30.9193
YIQ	142.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

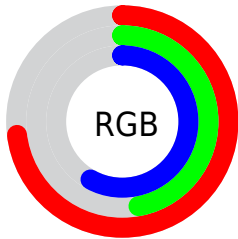
Format	Color
R_{YB}	186, 120, 147
Decimal	12220563
CIE _{Lab}	58.02, 29.64, -3.84
CIE _{LCh}	58, 29.887, 352.613
Yxy	25.9786, 0.3616, 0.2915
Android (android.graphics.Color)	4290410643 (0xFFBA7893)
YUV	142.8120, 2.0647, 37.8759
Hunter-Lab	50.9692, 23.6861, -0.2885

Details

The XYZ color **32.2326, 25.9786, 30.9193** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.5637, 41.6147, 39.1717**, and the grayscale version is **26.0176, 27.3725, 29.8087**.

A 20% lighter version of the original color is **62.4483, 53.1589, 62.2276**, and **13.7079, 10.0687, 12.5302** is the 20% darker color. If you saturate the color by 10%, you get **29.3874, 21.6031, 25.9169**, and if you desaturate by 10%, it is **35.5962, 31.2585, 36.5017**.

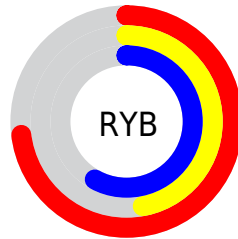
Distribution



Red (73%)

Green (47%)

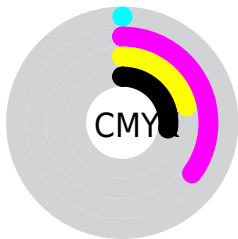
Blue (58%)



Red (73%)

Yellow (47%)

Blue (58%)

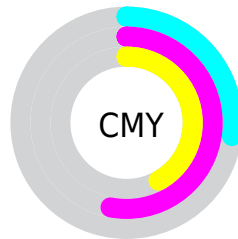


Cyan (0%)

Magenta (35%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2326, 25.9786, 30.9193 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 32.2326, 25.9786, 30.9193 by changing the saturation by 10% instead.


 32.2326, 25.9786,
30.9193


 32.2326, 25.9786,
30.9193


303.9040,
282.6770, 320.5060


 21.6956, 16.8076,
20.2795


 62.5383, 53.2404,
62.1911

 13.7488, 10.0974,
12.4123


 83.0377, 72.1001,
83.6601

 8.0267, 5.4636,
6.8992

 107.5887, 94.9581,
109.5759

 4.1640, 2.5218,
3.3216

136.5565,
122.1988, 140.3571

 1.7953, 0.8875,
1.2611

170.3066,
154.2066, 176.4222

 0.5148, 0.0000,
0.0296

209.2043,

 0.0000, 0.0000,

191.3660, 218.1896

0.0000

253.6150,
234.0614, 266.0781

■ 32.2326, 25.9786,
30.9193

■ 32.2326, 25.9786,
30.9193

■ 29.3874, 21.6031,
25.9169

■ 35.5962, 31.2585,
36.5017

■ 27.0309, 18.0769,
21.4725

■ 39.5013, 37.4864,
42.6818

■ 25.1335, 15.3446,
17.5645


■ 43.9726, 44.7076,
49.4787


■ 23.6613, 13.3424,
14.1694


■ 49.0321, 52.9633,
56.9098


■ 22.5755, 11.9967,
11.2609

■ 54.7010, 62.2924,
64.9919

 21.8282, 11.2165,
8.8093

 60.9992, 72.7317,
73.7411

 21.5573, 10.9621,
7.8327

 67.9457, 84.3164,
83.1729

 70.9955, 87.9534,
91.7813

 72.6327, 88.6083,
100.4030

Harmonies

Analogous

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



30.6260, 25.9786, 42.1508



32.2326, 25.9786, 30.9193



31.6676, 25.9786, 21.3124

Triad

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



32.2326, 25.9786, 30.9193



22.1187, 25.9786, 13.6210



20.7135, 25.9786, 47.1971

Complementary

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



32.2326, 25.9786, 30.9193



31.5637, 41.6147, 39.1717

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.



18.8241, 25.9786, 36.6363



32.2326, 25.9786, 30.9193



19.5785, 25.9786, 17.8537

Square

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



32.2326, 25.9786, 30.9193



25.5949, 25.9786, 12.8008



18.4298, 25.9786, 25.8072



23.8103, 25.9786, 52.9264

Rectangle

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



32.2326, 25.9786, 30.9193



30.1590, 25.9786, 16.8519



18.4298, 25.9786, 25.8072



19.9290, 25.9786, 43.9875

Sweetspot

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



32.2333, 25.9798, 30.9198



74.9546, 73.3484, 82.5210



29.7795, 24.2994, 49.5753



16.2677, 15.7680, 17.8080



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.



32.2333, 25.9798, 30.9198



54.1132, 40.4458, 48.5059



31.0379, 26.5906, 21.2674



9.1528, 9.0715, 10.1521



14.5383, 7.3891, 5.4553



0.5434, 0.2729, 0.3552

Inverse Universe

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



32.2333, 25.9798, 30.9198



54.1132, 40.4458, 48.5059



33.0319, 40.3836, 52.5084



9.1528, 9.0715, 10.1521



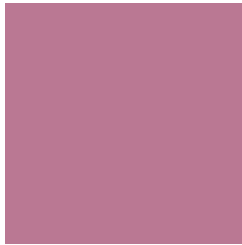
14.5383, 7.3891, 5.4553



0.5434, 0.2729, 0.3552

Previews

White Background



This preview shows how the XYZ color 32.2326, 25.9786, 30.9193 looks on a white background.

Color Contrast Check

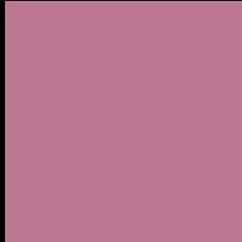
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2326, 25.9786, 30.9193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

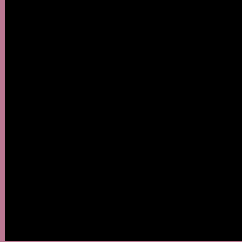
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2326, 25.9786, 30.9193

Background



This preview shows how black text looks on a background with the XYZ color 32.2326, 25.9786, 30.9193.



This preview shows how white text looks on a background with the XYZ color 32.2326, 25.9786,

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

32.2326, 25.9786, 30.9193

Protanopia

25.8072, 26.2868, 36.5146

Deuteranopia

26.6007, 26.2012, 30.0409



Tritanopia

31.0150, 26.0222, 25.2179

Trichromacy



Original Color

32.2326, 25.9786, 30.9193

Protanomaly

27.6852, 25.8376, 34.5383

Deuteranomaly

28.4033, 25.9021, 30.2907

Tritanomaly

31.4825, 26.0395, 27.0337

Monochromacy



Original Color

32.2326, 25.9786, 30.9193

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.9961, 26.7125, 30.0660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2326, 25.9786, 30.9193 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(186, 120, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 120, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.2326, 25.9786, 30.9193 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, 147) }
```


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

```
.border{ border-color:rgb(186, 120, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 120, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 120, 147);  
box-shadow:4px 4px 4px 4px rgb(186, 120,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2326, 25.9786, 30.9193 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, 147) }
```

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

```
.background{ background-color: rgb(186,  
120, 147) }
```

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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