

Converting Colors

XYZ(32.7647, 26.4414, 30.5709)

Have a look what the booklet for
XYZ(32.7647, 26.4414, 30.5709)
contains.

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Color

**XYZ(32.7647, 26.4414,
30.5709)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7992
RGB	188, 121, 146
RGB Percent	74%, 47%, 57%
CMY	0.2627, 0.5255, 0.4274
CMYK	0.00, 0.36, 0.22, 0.26
HSL	338°, 33%, 61%
HSV	338°, 36%, 74%
XYZ	32.7647, 26.4414, 30.5709
YIQ	143.8830, 31.9070, 21.9790

Conversions

Conversions Part 2

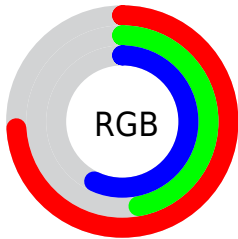
Format	Color
R _Y B	188, 121, 146
Decimal	12351890
CIE Lab	58.45, 29.66, -2.59
CIE LCh	58, 29.777, 355.003
Yxy	26.4414, 0.3650, 0.2945
Android (android.graphics.Color)	4290541970 (0xFFBC7992)
YUV	143.8830, 1.0437, 38.6906
Hunter-Lab	51.4212, 23.7500, 0.7458

Details

The XYZ color **32.7647, 26.4414, 30.5709** is a light color, and the websafe version is hex **996666**. A complement of this color would be **32.4804, 42.6764, 41.1779**, and the grayscale version is **26.4497, 27.8272, 30.3038**.

A 20% lighter version of the original color is **63.2176, 53.8547, 61.7067**, and **14.0374, 10.3376, 12.3218** is the 20% darker color. If you saturate the color by 10%, you get **29.8287, 21.9617, 25.2998**, and if you desaturate by 10%, it is **36.2419, 31.8518, 36.4893**.

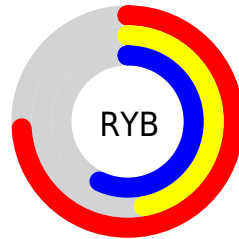
Distribution



Red (74%)

Green (47%)

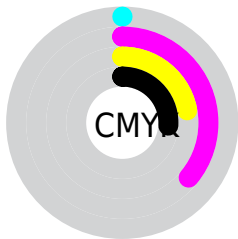
Blue (57%)



Red (74%)

Yellow (47%)

Blue (57%)

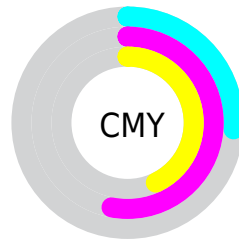


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7647, 26.4414, 30.5709 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 32.7647, 26.4414, 30.5709 by changing the saturation by 10% instead.

■ 32.7647, 26.4414,
30.5709

■ 32.7647, 26.4414,
30.5709

306.2719,
284.9422, 318.8463

■ 22.1046, 17.1541,
20.0166

■ 63.3651, 53.9862,
61.6355

■ 14.0508, 10.3445,
12.2229

■ 84.0362, 73.0125,
82.9829

■ 8.2380, 5.6279,
6.7713

■ 108.7750, 96.0540,
108.7650

■ 4.3007, 2.6202,
3.2432

137.9468,
123.4950, 139.4005

■ 1.8736, 0.9368,
1.2201

171.9171,
155.7199, 175.3078

■ 0.5614, 0.0000,
0.0000

211.0511,

■ 0.0000, 0.0000,

193.1131, 216.9055

0.0000

255.7143,
236.0591, 264.6122

■ 32.7647, 26.4414,
30.5709

■ 32.7647, 26.4414,
30.5709

■ 29.8287, 21.9617,
25.2998

■ 36.2419, 31.8518,
36.4893

■ 27.4030, 18.3558,
20.6508

■ 40.2847, 38.2381,
43.0759

■ 25.4565, 15.5666,
16.5991


■ 44.9187, 45.6468,
50.3522


■ 23.9539, 13.5283,
13.1174


■ 50.1670, 54.1204,
58.3384


■ 22.8544, 12.1648,
10.1757


■ 56.0518, 63.6992,
67.0540


 22.1080, 11.3815,
7.7397

 62.5938, 74.4210,
76.5173

 21.8492, 11.1354,
6.8158

 69.8131, 86.3221,
86.7463

 72.2700, 88.5198,
95.9387

 74.0814, 89.2443,
105.4772

Harmonies

Analogous

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



31.3090, 26.4414, 41.8773



32.7647, 26.4414, 30.5709



32.0198, 26.4414, 21.1254

Triad

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



32.7647, 26.4414, 30.5709



22.2895, 26.4414, 14.1826



21.3293, 26.4414, 48.5183

Complementary

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



32.7647, 26.4414, 30.5709



32.4804, 42.6764, 41.1779

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.



19.3100, 26.4414, 38.1154



32.7647, 26.4414, 30.5709



19.8257, 26.4414, 18.7604

Square

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



32.7647, 26.4414, 30.5709



25.7461, 26.4414, 13.0884



18.7871, 26.4414, 27.0800



24.5273, 26.4414, 53.7160

Rectangle

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



32.7647, 26.4414, 30.5709



30.4097, 26.4414, 16.8197



18.7871, 26.4414, 27.0800



20.5028, 26.4414, 45.4084

Sweetspot

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



32.7655, 26.4426, 30.5714



76.6170, 75.0499, 83.7876



30.8802, 25.0215, 50.7793



16.2356, 15.7551, 17.6389



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.



32.7655, 26.4426, 30.5714



55.0143, 41.2444, 47.6085



32.0173, 27.7254, 21.7547



9.6734, 9.5937, 10.6692



14.9093, 7.5949, 4.8160



0.6159, 0.3103, 0.3568

Inverse Universe

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



32.7655, 26.4426, 30.5714



55.0143, 41.2444, 47.6085



33.3214, 40.4131, 53.6215



9.6734, 9.5937, 10.6692



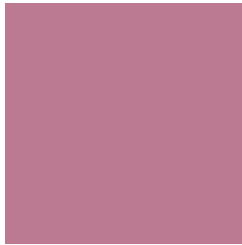
14.9093, 7.5949, 4.8160



0.6159, 0.3103, 0.3568

Previews

White Background



This preview shows how the XYZ color 32.7647, 26.4414, 30.5709 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 32.7647, 26.4414, 30.5709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

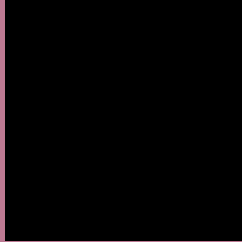
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7647, 26.4414, 30.5709

Background



This preview shows how black text looks on a background with the XYZ color 32.7647, 26.4414, 30.5709.



This preview shows how white text looks on a background with the XYZ color 32.7647, 26.4414,

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

32.7647, 26.4414, 30.5709

Protanopia

26.1971, 26.7138, 36.1233

Deuteranopia

27.0405, 26.6468, 29.7048



Tritanopia

31.8101, 26.4242, 25.6141

Trichromacy



Original Color

32.7647, 26.4414, 30.5709

Protanomaly

28.1249, 26.2763, 34.1613

Deuteranomaly

28.8762, 26.3532, 29.9503

Tritanomaly

32.0405, 26.3188, 27.4361

Monochromacy



Original Color

32.7647, 26.4414, 30.5709

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.4122, 27.1262, 30.5265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7647, 26.4414, 30.5709 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(188, 121, 146)` looks like.

```
.text, #text, p{  
    color:rgb(188, 121, 146)  
}
```

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(188, 121, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 121, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.7647, 26.4414, 30.5709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

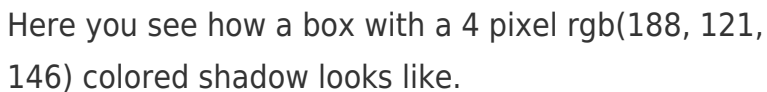
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 121, 146) }
```


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

```
.border{ border-color:rgb(188, 121, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 121, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 121, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 121, 146); box-shadow:4px 4px 4px 4px rgb(188, 121, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7647, 26.4414, 30.5709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 121, 146) }
```

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

```
.background{ background-color: rgb(188,  
121, 146) }
```

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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