Converting Colors

XYZ(32.7502, 27.4618, 26.1288)

Have a look what the booklet for XYZ(32.7502, 27.4618, 26.1288) contains.

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Color

XYZ(32.7502, 27.4618, 26.1288)

Conversions

Conversions Part 1

Format	Color
Hex	BD7E86
RGB	189, 126, 134
RGB Percent	74%, 49%, 53%
CMY	0.2588, 0.5059, 0.4745
CMYK	0.00, 0.33, 0.29, 0.26
HSL	352°, 32%, 62%
HSV	352°, 33%, 74%
XYZ	32.7502, 27.4618, 26.1288
YIQ	145.7490, 34.9800, 15.8440

Conversions

Conversions Part 2

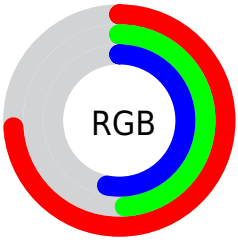
Format	Color
RYB	189, 126, 134
Decimal	12418694
CIELab	59.40, 25.54, 5.71
CIELCh	59, 26.167, 12.614
Yxy	27.4618, 0.3793, 0.3181
Android (android.graphics.Color)	4290608774 (0xFFBD7E86)
YUV	145.7490, -5.7923, 37.9311
Hunter-Lab	52.4040, 19.8476, 7.1206

Details

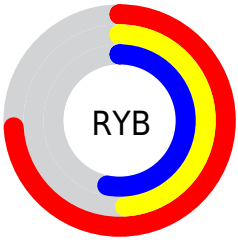
The XYZ color 32.7502, 27.4618, 26.1288 is a dark color, and the websafe version is hex CC9999. A complement of this color would be 35.1435, 44.1676, 50.3913, and the grayscale version is 27.2325, 28.6507, 31.2006.

A 20% lighter version of the original color is 63.4475, 55.6022, 54.4020, and 14.0557, 10.8931, 9.9561 is the 20% darker color. If you saturate the color by 10%, you get 29.4953, 22.6523, 19.8019, and if you desaturate by 10%, it is 36.6427, 33.2589, 33.5549.

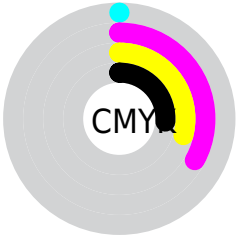
Distribution



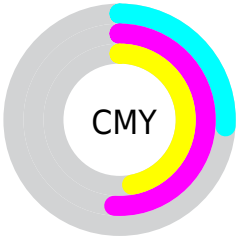
- Red (74%)
- Green (49%)
- Blue (53%)



- Red (74%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (26%)



- Cyan (26%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7502, 27.4618, 26.1288 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 32.7502, 27.4618, 26.1288 by changing the saturation by 10% instead.

32.7502, 27.4618, 26.1288

32.7502, 27.4618, 26.1288

306.2075, 289.8862, 297.0393

22.0935, 17.9204, 16.6934

63.3426, 55.6240, 54.4693

14.0426, 10.8928, 9.8565

84.0090, 75.0136, 74.2115

8.2322, 5.9948, 5.1996

108.7427, 98.4546, 98.2263

4.2969, 2.8419, 2.3040

137.9090, 126.3316, 126.9323

1.8715, 1.0498, 0.7335

171.8733, 159.0288, 160.7481

0.5602, 0.0000, 0.0000

211.0009,

0.0000, 0.0000,

196.9307, 200.0922

0.0000

255.6572, 240.4217, 245.3831

32.7502, 27.4618, 26.1288

32.7502, 27.4618, 26.1288

29.4953, 22.6523, 19.8019

36.6427, 33.2589, 33.5549

26.8418, 18.7716, 14.5202

41.2022, 40.0902, 42.1273

24.7530, 15.7606, 10.2276

46.4589, 48.0042, 51.8925

23.1876, 13.5521, 6.8620

52.4402, 57.0452, 62.8937

22.0981, 12.0688, 4.3544

59.1725, 67.2549, 75.1722

21.4285, 11.2180, 2.6256

21.1511, 10.8847, 1.8498

66.6806, 78.6730, 88.7673

73.9246, 89.2102, 103.3619

74.7963, 89.5588, 107.9521

Harmonies

Analogous

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

32.5924, 27.4618, 35.6275

32.7502, 27.4618, 26.1288

31.0218, 27.4618, 19.2665

Triad

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

32.7502, 27.4618, 26.1288

22.0614, 27.4618, 18.4844

24.2627, 27.4618, 50.6544

Complementary

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

32.7502, 27.4618, 26.1288

35.1435, 44.1676, 50.3913

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.

21.7313, 27.4618, 43.8681

32.7502, 27.4618, 26.1288

20.5354, 27.4618, 24.8240

Square

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

32.7502, 27.4618, 26.1288

24.7488, 27.4618, 15.5154

20.4199, 27.4618, 34.0203

27.5028, 27.4618, 51.2093

Rectangle

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

32.7502, 27.4618, 26.1288

29.1104, 27.4618, 16.5634

20.4199, 27.4618, 34.0203

23.3077, 27.4618, 48.9701

Sweetspot

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

32.7509, 27.4631, 26.1293

76.6407, 76.0818, 80.7603

35.6094, 28.3727, 51.7438

16.2065, 15.9479, 16.8553

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.

32.7509, 27.4631, 26.1293

54.2864, 42.7206, 38.3262

35.5163, 33.8529, 24.4028

9.5781, 9.5556, 10.1675

14.2471, 7.3300, 1.3289

0.5744, 0.2936, 0.1379

Inverse Universe

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

32.7509, 27.4631, 26.1293

54.2864, 42.7206, 38.3262

31.4087, 35.3469, 53.3114

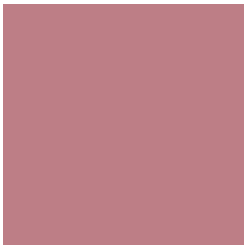
9.5781, 9.5556, 10.1675

14.2471, 7.3300, 1.3289

0.5744, 0.2936, 0.1379

Previews

White Background

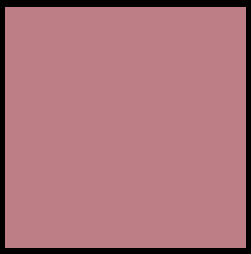


This preview shows how the XYZ color 32.7502, 27.4618, 26.1288 looks on a white background.

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



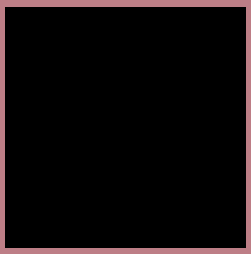
This preview shows how the XYZ color 32.7502, 27.4618, 26.1288 looks on a black background.

Color Contrast Check

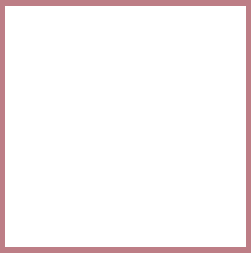
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 32.7502, 27.4618, 26.1288 Background



This preview shows how black text looks on a background with the XYZ color 32.7502, 27.4618, 26.1288.



This preview shows how white text looks on a background with the XYZ color 32.7502, 27.4618,

26.1288.

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

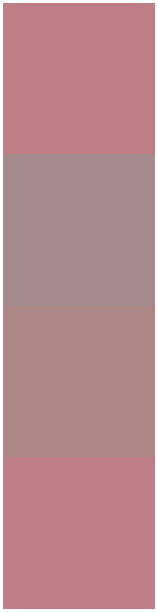
Original Color
32.7502, 27.4618, 26.1288

Protanopia
26.6344, 27.7391, 29.9370

Deuteranopia
28.1536, 27.5243, 25.6587

Tritanopia
32.8203, 27.4898, 26.4979

Trichromacy



Original Color
32.7502, 27.4618, 26.1288

Protanomaly
28.5796, 27.4662, 28.6061

Deuteranomaly
29.7720, 27.5143, 25.9319

Tritanomaly
32.8203, 27.4898, 26.4979

Monochromacy

Original Color
32.7502, 27.4618, 26.1288

Achromatopsia
27.3213, 28.7441, 31.3023

Achromatomaly
29.0154, 28.0996, 29.4857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7502, 27.4618, 26.1288 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, 126, 134) looks like.

```
.text, #text, p{
    color:rgb(189, 126, 134)
}
```

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, 126, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 126, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.7502, 27.4618, 26.1288 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, 126, 134) }
```

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

```
.border{ border-color:rgb(189, 126, 134) }
```

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

Here you see how a box with a 4 pixel rgb(189, 126, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 126, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 126, 134); box-shadow:4px 4px 4px 4px rgb(189, 126, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7502, 27.4618, 26.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(189, 126, 134) }
```

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

```
.background{ background-color:rgb(189,
126, 134) }
```

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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