

Converting Colors

XYZ(32.2605, 27.4979, 35.0467)

Have a look what the booklet for
XYZ(32.2605, 27.4979, 35.0467)
contains.

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Color

**XYZ(32.4414, 27.6845,
35.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	B3819C
RGB	179, 129, 156
RGB Percent	70%, 51%, 61%
CMY	0.2980, 0.4941, 0.3882
CMYK	0.00, 0.28, 0.13, 0.30
HSL	328°, 25%, 60%
HSV	328°, 28%, 70%
XYZ	32.4414, 27.6845, 35.0863
YIQ	147.0280, 21.1330, 18.9970

Conversions

Conversions Part 2

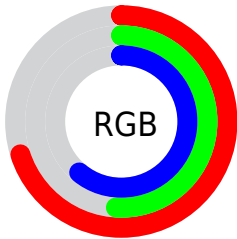
Format	Color
R_{YB}	179, 129, 156
Decimal	11764124
CIE Lab	59.60, 23.55, -6.77
CIE LCh	60, 24.507, 343.971
Yxy	27.6845, 0.3407, 0.2908
Android (android.graphics.Color)	4289954204 (0xFFB3819C)
YUV	147.0280, 4.4232, 28.0394
Hunter-Lab	52.6161, 17.9793, -2.7055

Details

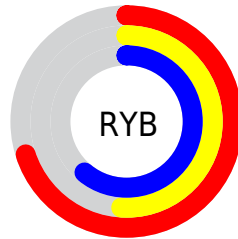
The XYZ color **32.4414, 27.6845, 35.0863** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.8420, 39.1751, 35.6435**, and the grayscale version is **27.7216, 29.1652, 31.7610**.

A 20% lighter version of the original color is **62.6218, 55.7712, 68.4372**, and **13.8032, 10.9719, 14.7549** is the 20% darker color. If you saturate the color by 10%, you get **29.6132, 23.1061, 30.8192**, and if you desaturate by 10%, it is **35.7315, 33.1103, 39.7412**.

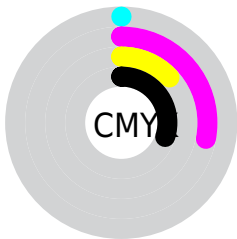
Distribution



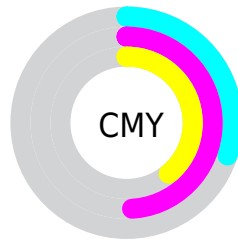
- Red (70%)
- Green (51%)
- Blue (61%)



- Red (70%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (30%)




- Cyan (30%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4414, 27.6845, 35.0863 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 32.4414, 27.6845, 35.0863 by changing the saturation by 10% instead.


 32.4414, 27.6845,
35.0863


 32.4414, 27.6845,
35.0863


304.8348,
290.9563, 339.8649

 21.8560, 18.0880,
23.4453


 62.8630, 55.9803,
68.7725

 13.8672, 11.0132,
14.7143


 83.4299, 75.4484,
91.6548

 8.1094, 6.0757,
8.4747


 108.0547, 98.9758,
119.1213

 4.2174, 2.8912,
4.3081

137.1028,
126.9469, 151.5904

 1.8259, 1.0752,
1.7958

170.9395,
159.7461, 189.4808

 0.5332, 0.0000,
0.4252

209.9301,

 0.0000, 0.0000,

197.7578, 233.2110

0.0000

254.4401,
241.3664, 283.1995

■ 32.4414, 27.6845,
35.0863

■ 32.4414, 27.6845,
35.0863

■ 29.6132, 23.1061,
30.8192

■ 35.7315, 33.1103,
39.7412

■ 27.2220, 19.3280,
26.9262

■ 39.5021, 39.4202,
44.7937

■ 25.2442, 16.3041,
23.3950

■ 43.7734, 46.6530,
50.2551

■ 23.6528, 13.9818,
20.2116

■ 48.5638, 54.8444,
56.1359

■ 22.4174, 12.3020,
17.3608

■ 53.8910, 64.0279,
62.4460

■ 21.5025, 11.1956,
14.8257

■ 59.7715, 74.2355,
69.1949

■ 20.8524, 10.5528,
12.5822

■ 66.2212, 85.4978,
76.3919

■ 20.7322, 10.4404,
12.1476

■ 67.5189, 86.3711,
82.1337

■ 68.6492, 86.8232,
88.0856

Harmonies

Analogous

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



30.6540, 27.6845, 44.1102



32.4414, 27.6845, 35.0863



32.5049, 27.6845, 26.2225

Triad

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



32.4414, 27.6845, 35.0863



24.9059, 27.6845, 16.4719



22.2679, 27.6845, 43.5559

Complementary

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



32.4414, 27.6845, 35.0863



30.8420, 39.1751, 35.6435

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.



20.9625, 27.6845, 34.4376



32.4414, 27.6845, 35.0863



22.4030, 27.6845, 19.4886

Square

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



32.4414, 27.6845, 35.0863



27.9868, 27.6845, 16.5778



21.0100, 27.6845, 25.6886



24.7079, 27.6845, 49.6152

Rectangle

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



32.4414, 27.6845, 35.0863



31.5501, 27.6845, 21.6066



21.0100, 27.6845, 25.6886



21.6906, 27.6845, 40.6769

Sweetspot

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



32.4422, 27.6858, 35.0869



70.5998, 70.3528, 80.0315



28.8436, 25.5838, 46.0661



15.4056, 15.1901, 17.4212



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.4422, 27.6858, 35.0869



54.6472, 43.9711, 57.6856



30.5724, 26.9378, 25.2405



8.6818, 8.5794, 9.8228



14.6834, 7.3909, 8.7587



0.4910, 0.2442, 0.4286

Inverse Universe

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



32.4422, 27.6858, 35.0869



54.6472, 43.9711, 57.6856



33.0603, 40.0624, 47.3250



8.6818, 8.5794, 9.8228



14.6834, 7.3909, 8.7587



0.4910, 0.2442, 0.4286

Previews

White Background



This preview shows how the XYZ color 32.4414, 27.6845, 35.0863 looks on a white background.

Color Contrast Check

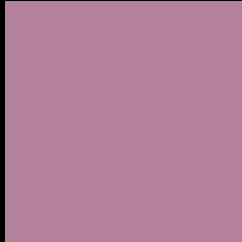
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4414, 27.6845, 35.0863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

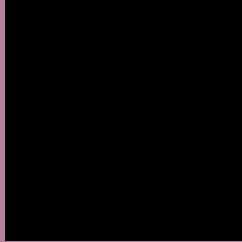
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4414, 27.6845, 35.0863

Background



This preview shows how black text looks on a background with the XYZ color 32.4414, 27.6845, 35.0863.



This preview shows how white text looks on a background with the XYZ color 32.4414, 27.6845,

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

32.4414, 27.6845, 35.0863

Protanopia

27.4292, 27.9370, 39.5440

Deuteranopia

28.3477, 27.8616, 34.4556



Tritanopia

31.2652, 27.8026, 29.3098

Trichromacy



Original Color

32.4414, 27.6845, 35.0863

Protanomaly

28.9365, 27.6556, 37.9954

Deuteranomaly

29.6208, 27.6563, 34.7874

Tritanomaly

31.7429, 27.8042, 31.2975

Monochromacy



Original Color

32.4414, 27.6845, 35.0863

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.1812, 28.3291, 32.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4414, 27.6845, 35.0863 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(179, 129, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 129, 156)  
}
```

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(179, 129, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 129, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.4414, 27.6845, 35.0863 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(179, 129, 156) }
```


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

```
.border{ border-color:rgb(179, 129, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 129, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 129, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 129, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 129,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4414, 27.6845, 35.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 129, 156) }
```

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

```
.background{ background-color: rgb(179,  
129, 156) }
```

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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