

Converting Colors

XYZ(32.5448, 27.3068, 34.6585)

Have a look what the booklet for
XYZ(32.5448, 27.3068, 34.6585)
contains.

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Color

**XYZ(32.5618, 27.3691,
34.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	B57F9B
RGB	181, 127, 155
RGB Percent	71%, 50%, 61%
CMY	0.2902, 0.5019, 0.3922
CMYK	0.00, 0.30, 0.14, 0.29
HSL	329°, 27%, 60%
HSV	329°, 30%, 71%
XYZ	32.5618, 27.3691, 34.5769
YIQ	146.3380, 23.1960, 20.1560

Conversions

Conversions Part 2

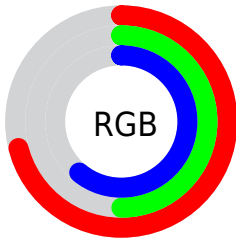
Format	Color
R_{YB}	181, 127, 155
Decimal	11894683
CIE _{Lab}	59.31, 25.23, -6.60
CIE _{LCh}	59, 26.076, 345.346
Yxy	27.3691, 0.3445, 0.2896
Android (android.graphics.Color)	4290084763 (0xFFB57F9B)
YUV	146.3380, 4.2704, 30.3986
Hunter-Lab	52.3155, 19.5485, -2.5657

Details

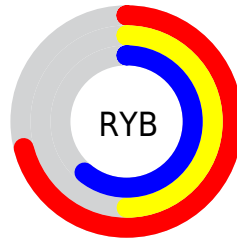
The XYZ color **32.5618, 27.3691, 34.5769** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.0272, 39.8604, 36.1974**, and the grayscale version is **27.4374, 28.8662, 31.4353**.

A 20% lighter version of the original color is **63.0898, 55.4231, 67.6941**, and **13.9050, 10.8193, 14.4522** is the 20% darker color. If you saturate the color by 10%, you get **29.7252, 22.8250, 30.1496**, and if you desaturate by 10%, it is **35.8728, 32.7767, 39.4236**.

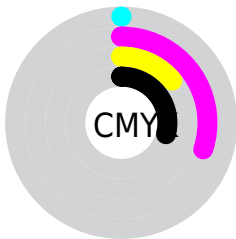
Distribution



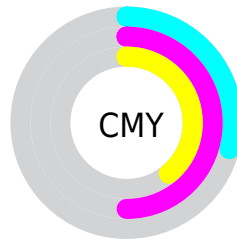
- Red (71%)
- Green (50%)
- Blue (61%)



- Red (71%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5618, 27.3691, 34.5769 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 32.5618, 27.3691, 34.5769 by changing the saturation by 10% instead.


 32.5618, 27.3691,
34.5769


 32.5618, 27.3691,
34.5769


305.3706,
289.4398, 337.5442


 21.9486, 17.8506,
23.0562


 63.0501, 55.4756,
67.9739

 13.9355, 10.8428,
14.4293


 83.6558, 74.8324,
90.6873

 8.1572, 5.9612,
8.2777


 108.3231, 98.2374,
117.9687

 4.2484, 2.8215,
4.1829

137.4174,
126.0751, 150.2366

 1.8436, 1.0393,
1.7262

171.3039,
158.7297, 187.9095

 0.5437, 0.0000,
0.3786

210.3480,

 0.0000, 0.0000,

196.5858, 231.4061

0.0000

254.9151,
240.0277, 281.1448

■ 32.5618, 27.3691,
34.5769

■ 32.5618, 27.3691,
34.5769

■ 29.7252, 22.8250,
30.1496

■ 35.8728, 32.7767,
39.4236

■ 27.3369, 19.0952,
26.1268

■ 39.6777, 39.0861,
44.7005

■ 25.3721, 16.1313,
22.4946

■ 43.9977, 46.3379,
50.4204

■ 23.8023, 13.8782,
19.2379

■ 48.8521, 54.5689,
56.5945

■ 22.5950, 12.2734,
16.3397

■ 54.2592, 63.8142,
63.2338

■ 21.7126, 11.2431,
13.7811

■ 60.2364, 74.1068,
70.3489

■ 21.0795, 10.6384,
11.5304

■ 66.8002, 85.4786,
77.9499

■ 21.0696, 10.6292,
11.4947

■ 68.3691, 86.7650,
84.1808

■ 69.5870, 87.2521,
90.5940

Harmonies

Analogous

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



30.7325, 27.3691, 44.2829



32.5618, 27.3691, 34.5769



32.5391, 27.3691, 25.2972

Triad

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



32.5618, 27.3691, 34.5769



24.3896, 27.3691, 15.6236



21.8517, 27.3691, 44.4826

Complementary

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



32.5618, 27.3691, 34.5769



31.0272, 39.8604, 36.1974

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.



20.4245, 27.3691, 34.8083



32.5618, 27.3691, 34.5769



21.8042, 27.3691, 18.8794

Square

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



32.5618, 27.3691, 34.5769



27.6319, 27.3691, 15.5872



20.4078, 27.3691, 25.4852



24.4596, 27.3691, 50.7624

Rectangle

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



32.5618, 27.3691, 34.5769



31.4691, 27.3691, 20.5742



20.4078, 27.3691, 25.4852



21.2280, 27.3691, 41.4395

Sweetspot

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



32.5626, 27.3704, 34.5775



71.5591, 70.8329, 80.7301



28.9174, 25.2111, 47.0584



15.2409, 14.9331, 17.1432



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.



32.5626, 27.3704, 34.5775



54.7885, 43.3449, 56.4784



30.5956, 26.5836, 24.2194



8.6742, 8.5764, 9.7827



14.5601, 7.3416, 8.1097



0.4874, 0.2427, 0.4095

Inverse Universe

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



32.5626, 27.3704, 34.5775



54.7885, 43.3449, 56.4784



33.4340, 40.8231, 48.8717



8.6742, 8.5764, 9.7827



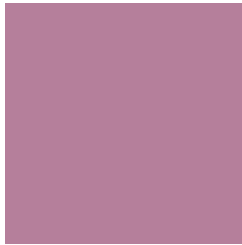
14.5601, 7.3416, 8.1097



0.4874, 0.2427, 0.4095

Previews

White Background



This preview shows how the XYZ color 32.5618, 27.3691, 34.5769 looks on a white background.

Color Contrast Check

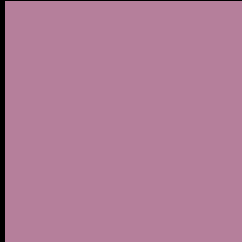
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5618, 27.3691, 34.5769 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 32.5618, 27.3691, 34.5769

Background



This preview shows how black text looks on a background with the XYZ color 32.5618, 27.3691, 34.5769.



This preview shows how white text looks on a background with the XYZ color 32.5618, 27.3691,

34.5769.

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

32.5618, 27.3691, 34.5769

Protanopia

27.1120, 27.5516, 39.4863

Deuteranopia

28.1193, 27.5374, 33.9702



Tritanopia

31.3067, 27.4424, 28.4578

Trichromacy



Original Color

32.5618, 27.3691, 34.5769

Protanomaly

28.7051, 27.3346, 37.4814

Deuteranomaly

29.6010, 27.4476, 34.3096

Tritanomaly

31.7835, 27.4481, 30.4109

Monochromacy



Original Color

32.5618, 27.3691, 34.5769

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.9555, 28.0061, 32.3134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5618, 27.3691, 34.5769 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(181, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(181, 127, 155)  
}
```

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(181, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 127, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.5618, 27.3691, 34.5769 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(181, 127, 155) }
```


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

```
.border{ border-color:rgb(181, 127, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(181, 127,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5618, 27.3691, 34.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 127, 155) }
```

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

```
.background{ background-color: rgb(181,  
127, 155) }
```

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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