

Converting Colors

XYZ(32.5955, 28.7113, 34.4686)

Have a look what the booklet for
XYZ(32.5955, 28.7113, 34.4686)
contains.

XYZ(32.7179, 28.8483, 34.4157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.7179, 28.8483,
34.4157)**

Conversions

Conversions Part 1

Format	Color
Hex	B2869A
RGB	178, 134, 154
RGB Percent	70%, 53%, 60%
CMY	0.3020, 0.4745, 0.3961
CMYK	0.00, 0.25, 0.13, 0.30
HSL	333°, 22%, 61%
HSV	333°, 25%, 70%
XYZ	32.7179, 28.8483, 34.4157
YIQ	149.4360, 19.8040, 15.5480

Conversions

Conversions Part 2

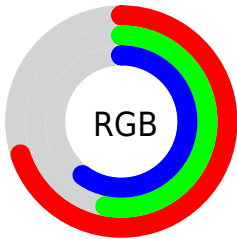
Format	Color
RYB	178, 134, 154
Decimal	11699866
CIELab	60.65, 20.04, -4.09
CIElCh	61, 20.453, 348.475
Yxy	28.8483, 0.3409, 0.3006
Android (android.graphics.Color)	4289889946 (0xFFB2869A)
YUV	149.4360, 2.2501, 25.0506
Hunter-Lab	53.7106, 14.7400, -0.3933

Details

The XYZ color **32.7179, 28.8483, 34.4157** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9246, 39.3784, 38.2678**, and the grayscale version is **28.7364, 30.2330, 32.9237**.

A 20% lighter version of the original color is **63.0872, 57.5871, 67.4649**, and **14.0760, 11.6799, 14.3445** is the 20% darker color. If you saturate the color by 10%, you get **29.6855, 24.0255, 29.5751**, and if you desaturate by 10%, it is **36.2315, 34.5280, 39.7401**.

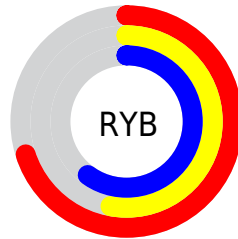
Distribution



Red (70%)

Green (53%)

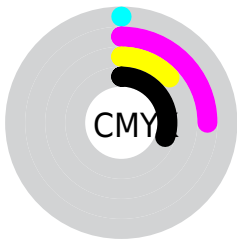
Blue (60%)



Red (70%)

Yellow (53%)

Blue (60%)

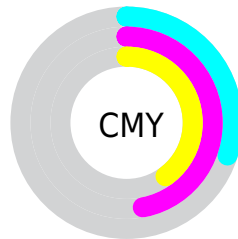


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (47%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7179, 28.8483, 34.4157 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 32.7179, 28.8483, 34.4157 by changing the saturation by 10% instead.


 32.7179, 28.8483,
34.4157


 32.7179, 28.8483,
34.4157


306.0642,
296.4985, 336.8072


 22.0686, 18.9661,
22.9332


 63.2925, 57.8360,
67.7209

 14.0242, 11.6458,
14.3393

 83.9485, 77.7102,
90.3806

 8.2193, 6.5030,
8.2156


 108.6708,
101.6840, 117.6032

 4.2886, 3.1533,
4.1435

137.8248,
130.1416, 149.8071

 1.8667, 1.2123,
1.7044

171.7757,
163.4674, 187.4109

 0.5573, 0.0717,
0.3637

210.8890,

 0.0000, 0.0000,

202.0459, 230.8332

0.0000

255.5301,
246.2615, 280.4925

■ 32.7179, 28.8483,
34.4157

■ 32.7179, 28.8483,
34.4157

■ 29.6855, 24.0255,
29.5751

■ 36.2315, 34.5280,
39.7401

■ 27.1096, 20.0138,
25.2016

■ 40.2445, 41.0999,
45.5608

■ 24.9668, 16.7686,
21.2798

■ 44.7773, 48.6020,
51.8920

■ 23.2307, 14.2399,
17.7926

■ 49.8483, 57.0688,
58.7468

■ 21.8718, 12.3714,
14.7218

■ 55.4751, 66.5333,
66.1376

■ 20.8563, 11.0981,
12.0470

■ 61.6742, 77.0267,
74.0765

■ 20.1433, 10.3416,
9.7453

■ 67.3010, 86.2573,
82.1882

■ 19.8417, 10.0576,
8.6609

■ 68.6402, 86.7930,
89.2405

■ 70.0556, 87.3592,
96.6941

Harmonies

Analogous

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



31.4114, 28.8483, 42.1052



32.7179, 28.8483, 34.4157



32.5385, 28.8483, 27.0122

Triad

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



32.7179, 28.8483, 34.4157



25.8372, 28.8483, 19.5096



24.1802, 28.8483, 43.6435

Complementary

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



32.7179, 28.8483, 34.4157



31.9246, 39.3784, 38.2678

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.



22.8676, 28.8483, 36.2629



32.7179, 28.8483, 34.4157



23.7809, 28.8483, 22.7005

Square

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



32.7179, 28.8483, 34.4157



28.4495, 28.8483, 19.1783



22.7263, 28.8483, 28.5863



26.4146, 28.8483, 47.9775

Rectangle

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



32.7179, 28.8483, 34.4157



31.6025, 28.8483, 23.1827



22.7263, 28.8483, 28.5863



23.6229, 28.8483, 41.3865

Sweetspot

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



32.7187, 28.8496, 34.4163



71.1461, 71.5147, 79.9998



30.5580, 27.4812, 45.8135



15.6649, 15.6840, 17.5838



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.



32.7187, 28.8496, 34.4163



56.0381, 47.0568, 57.2127



31.3934, 28.6461, 26.4306



8.6516, 8.5674, 9.6637



14.2279, 7.2087, 6.3599



0.4772, 0.2386, 0.3557

Inverse Universe

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



32.7187, 28.8496, 34.4163



56.0381, 47.0568, 57.2127



33.4984, 39.5435, 47.9868



8.6516, 8.5674, 9.6637



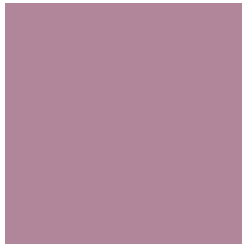
14.2279, 7.2087, 6.3599



0.4772, 0.2386, 0.3557

Previews

White Background



This preview shows how the XYZ color 32.7179, 28.8483, 34.4157 looks on a white background.

Color Contrast Check

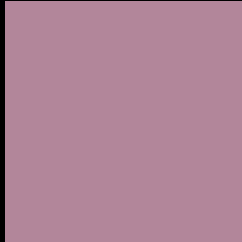
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7179, 28.8483, 34.4157 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 32.7179, 28.8483, 34.4157

Background



This preview shows how black text looks on a background with the XYZ color 32.7179, 28.8483, 34.4157.



This preview shows how white text looks on a background with the XYZ color 32.7179, 28.8483,

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

32.7179, 28.8483, 34.4157

Protanopia

28.3890, 29.1507, 37.8486

Deuteranopia

29.4410, 28.8821, 33.7289



Tritanopia

31.9837, 28.7504, 31.0578

Trichromacy



Original Color

32.7179, 28.8483, 34.4157

Protanomaly

29.7492, 28.9827, 36.3740

Deuteranomaly

30.4994, 28.7645, 34.0816

Tritanomaly

32.2203, 28.8450, 32.3032

Monochromacy



Original Color

32.7179, 28.8483, 34.4157

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.0564, 29.6545, 33.4179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7179, 28.8483, 34.4157 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(178, 134, 154)` looks like.

```
.text, #text, p{  
    color:rgb(178, 134, 154)  
}
```

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(178, 134, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 134, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.7179, 28.8483, 34.4157 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(178, 134, 154) }
```


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

```
.border{ border-color:rgb(178, 134, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 134, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 134, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 134, 154);  
box-shadow:4px 4px 4px 4px rgb(178, 134,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7179, 28.8483, 34.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 134, 154) }
```

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

```
.background{ background-color: rgb(178,  
134, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor