

Converting Colors

XYZ(30.2378, 26.6863, 32.5448)

Have a look what the booklet for
XYZ(30.2378, 26.6863, 32.5448)
contains.

XYZ(30.1499, 26.5604, 32.3918)	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(30.1499, 26.5604,
32.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8196
RGB	171, 129, 150
RGB Percent	67%, 51%, 59%
CMY	0.3294, 0.4941, 0.4118
CMYK	0.00, 0.25, 0.12, 0.33
HSL	330°, 20%, 59%
HSV	330°, 25%, 67%
XYZ	30.1499, 26.5604, 32.3918
YIQ	143.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

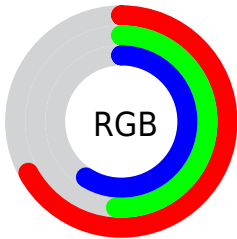
Format	Color
RYB	171, 129, 150
Decimal	11239830
CIELab	58.57, 19.60, -4.95
CIELCh	59, 20.213, 345.819
Yxy	26.5604, 0.3384, 0.2981
Android (android.graphics.Color)	4289429910 (0xFFAB8196)
YUV	143.9520, 2.9817, 23.7211
Hunter-Lab	51.5368, 14.2362, -1.1891

Details

The XYZ color **30.1499, 26.5604, 32.3918** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.1223, 35.9958, 34.2688**, and the grayscale version is **26.4737, 27.8524, 30.3313**.

A 20% lighter version of the original color is **59.3056, 54.1464, 64.4523**, and **12.5193, 10.3444, 13.1412** is the 20% darker color. If you saturate the color by 10%, you get **27.4197, 22.1617, 28.2078**, and if you desaturate by 10%, it is **33.3089, 31.7355, 36.9673**.

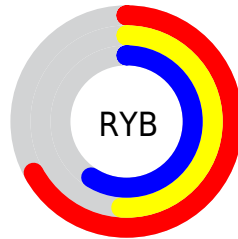
Distribution



Red (67%)

Green (51%)

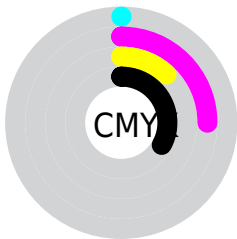
Blue (59%)



Red (67%)

Yellow (51%)

Blue (59%)

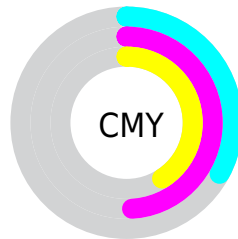


Cyan (0%)

Magenta (25%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1499, 26.5604, 32.3918 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 30.1499, 26.5604, 32.3918 by changing the saturation by 10% instead.


 30.1499, 26.5604,
32.3918


 30.1499, 26.5604,
32.3918


294.4998,
285.5223, 327.4477


 20.1010, 17.2433,
21.3936


 59.2842, 54.1776,
64.5298

 12.5772, 10.4081,
13.2180


 79.1003, 73.2466,
86.5068

 7.2130, 5.6704,
7.4463


 102.9028, 96.3350,
112.9804

 3.6432, 2.6457,
3.6601

131.0572,
123.8273, 144.3693

 1.5023, 0.9497,
1.4408

163.9287,
156.1077, 181.0919

 0.3274, 0.0000,
0.1732

201.8828,

 0.0000, 0.0000,

193.5608, 223.5668

0.0000

245.2847,
236.5708, 272.2126

■ 30.1499, 26.5604,
32.3918

■ 30.1499, 26.5604,
32.3918

■ 27.4197, 22.1617,
28.2078

■ 33.3089, 31.7355,
36.9673

■ 25.0961, 18.4978,
24.4017

■ 36.9128, 37.7187,
41.9437

■ 23.1584, 15.5289,
20.9615

■ 40.9797, 44.5444,
47.3325

■ 21.5831, 13.2096,
17.8737

■ 45.5261, 52.2436,
53.1439

■ 20.3440, 11.4894,
15.1238

■ 50.5674, 60.8461,
59.3877

■ 19.4109, 10.3099,
12.6955

■ 56.1187, 70.3802,
66.0735

■ 18.7475, 9.6007,
10.5706

■ 62.1941, 80.8728,
73.2104

■ 18.4542, 9.3218,
9.5244

■ 65.2629, 85.2613,
79.6260

■ 66.4140, 85.7217,
85.6873

Harmonies

Analogous

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



28.8169, 26.5604, 39.5059



30.1499, 26.5604, 32.3918



30.1102, 26.5604, 25.3584

Triad

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



30.1499, 26.5604, 32.3918



23.9686, 26.5604, 17.6810



22.0689, 26.5604, 39.8465

Complementary

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



30.1499, 26.5604, 32.3918



29.1223, 35.9958, 34.2688

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.



20.9340, 26.5604, 32.7999



30.1499, 26.5604, 32.3918



21.9809, 26.5604, 20.4169

Square

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



30.1499, 26.5604, 32.3918



26.4297, 26.5604, 17.6083



20.9029, 26.5604, 25.7051



24.0959, 26.5604, 44.2630

Rectangle

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



30.1499, 26.5604, 32.3918



29.3072, 26.5604, 21.6489



20.9029, 26.5604, 25.7051



21.5764, 26.5604, 37.6597

Sweetspot

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



30.1507, 26.5616, 32.3924



64.3752, 64.6624, 72.7632



27.7797, 25.1261, 41.9143



14.2716, 14.2796, 16.1111



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1507, 26.5616, 32.3924



51.4816, 43.4977, 54.2143



28.6083, 25.9446, 24.2702



8.1660, 8.0796, 9.1847



13.9382, 7.0378, 7.3199



0.4154, 0.2068, 0.3492

Inverse Universe

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



30.1507, 26.5616, 32.3924



51.4816, 43.4977, 54.2143



30.9677, 36.7339, 43.9868



8.1660, 8.0796, 9.1847



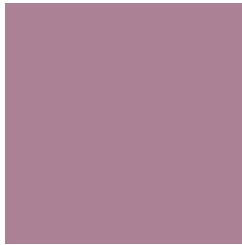
13.9382, 7.0378, 7.3199



0.4154, 0.2068, 0.3492

Previews

White Background



This preview shows how the XYZ color 30.1499, 26.5604, 32.3918 looks on a white background.

Color Contrast Check

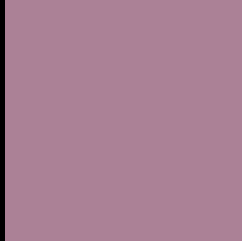
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1499, 26.5604, 32.3918 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 30.1499, 26.5604, 32.3918

Background



This preview shows how black text looks on a background with the XYZ color 30.1499, 26.5604, 32.3918.



This preview shows how white text looks on a background with the XYZ color 30.1499, 26.5604,

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

30.1499, 26.5604, 32.3918

Protanopia

26.1113, 26.6795, 35.6717

Deuteranopia

27.1330, 26.6406, 32.1458



Tritanopia

29.5016, 26.7017, 28.7984

Trichromacy



Original Color

30.1499, 26.5604, 32.3918

Protanomaly

27.3994, 26.5207, 34.2468

Deuteranomaly

28.0505, 26.4892, 32.0683

Tritanomaly

29.5942, 26.5249, 29.9456

Monochromacy



Original Color

30.1499, 26.5604, 32.3918

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.7474, 27.4106, 31.0225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1499, 26.5604, 32.3918 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(171, 129, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 129, 150)  
}
```

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(171, 129, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 129, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.1499, 26.5604, 32.3918 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(171, 129, 150) }
```


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

```
.border{ border-color:rgb(171, 129, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 129, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 129, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 129, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 129,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1499, 26.5604, 32.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 129, 150) }
```

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

```
.background{ background-color: rgb(171,  
129, 150) }
```

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