

Converting Colors

XYZ(29.2016, 26.8971, 23.0549)

Have a look what the booklet for
XYZ(29.2016, 26.8971, 23.0549)
contains.

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Color

**XYZ(29.1865, 26.8674,
23.0497)**

Conversions

Conversions Part 1

Format	Color
Hex	AD847D
RGB	173, 132, 125
RGB Percent	68%, 52%, 49%
CMY	0.3216, 0.4823, 0.5098
CMYK	0.00, 0.24, 0.28, 0.32
HSL	9°, 23%, 58%
HSV	9°, 28%, 68%
XYZ	29.1865, 26.8674, 23.0497
YIQ	143.4610, 26.6830, 6.5150

Conversions

Conversions Part 2

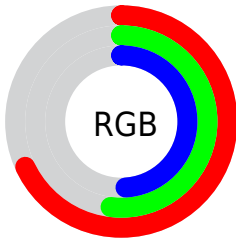
Format	Color
R_{YB}	173, 133, 125
Decimal	11371645
CIE Lab	58.85, 14.69, 9.86
CIE LCh	59, 17.692, 33.859
Yxy	26.8674, 0.3690, 0.3396
Android (android.graphics.Color)	4289561725 (0xFFAD847D)
YUV	143.4610, -9.1013, 25.9057
Hunter-Lab	51.8338, 9.8005, 9.9183

Details

The XYZ color **29.1865, 26.8674, 23.0497** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.6361, 34.6486, 44.6611**, and the grayscale version is **26.3212, 27.6919, 30.1565**.

A 20% lighter version of the original color is **57.6979, 54.5703, 49.6116**, and **12.0675, 10.5495, 8.2377** is the 20% darker color. If you saturate the color by 10%, you get **26.3125, 22.7365, 17.1059**, and if you desaturate by 10%, it is **32.5383, 31.6455, 30.1031**.

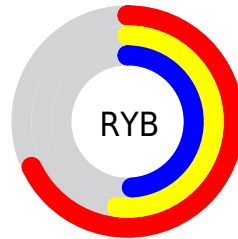
Distribution



Red (68%)

Green (52%)

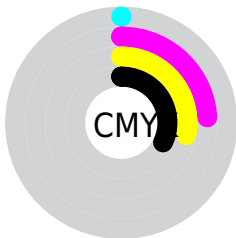
Blue (49%)



Red (68%)

Yellow (52%)

Blue (49%)

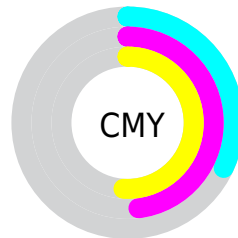


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1865, 26.8674, 23.0497 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 29.1865, 26.8674, 23.0497 by changing the saturation by 10% instead.

■ 29.1865, 26.8674,
23.0497

■ 29.1865, 26.8674,
23.0497

290.0723,
287.0145, 281.1103

■ 19.3669, 17.4737,
14.4246

■ 57.7688, 54.6710,
49.3992

■ 12.0413, 10.5728,
8.2744

■ 77.2622, 73.8497,
67.9605

■ 6.8442, 5.7803,
4.1808

■ 100.7110, 97.0588,
90.6711

■ 3.4103, 2.7120,
1.7250

128.4804,
124.6827, 117.9494

■ 1.3743, 0.9833,
0.3778

160.9359,
157.1058, 150.2139

■ 0.2378, 0.0000,
0.0000

198.4428,

■ 0.0000, 0.0000,

194.7126, 187.8832

0.0000

241.3665,
237.8874, 231.3758

■ 29.1865, 26.8674,
23.0497

■ 29.1865, 26.8674,
23.0497

■ 26.3125, 22.7365,
17.1059

■ 32.5383, 31.6455,
30.1031

■ 23.8922, 19.2212,
12.2134

■ 36.3862, 37.0929,
38.3170

■ 21.9028, 16.2931,
8.3114


■ 40.7501, 43.2357,
47.7409


■ 20.3186, 13.9199,
5.3318


■ 45.6482, 50.0971,
58.4213


■ 19.1110, 12.0662,
3.1981

■ 51.0978, 57.6993,
70.4019


 18.2475, 10.6924,
1.8214


 57.1155, 66.0637,
83.7246

 17.6840, 9.7508,
1.0621

 63.7170, 75.2108,
98.4292

 17.5864, 9.5899,
0.9241

 69.5350, 84.6071,
107.2737

 71.0436, 87.6243,
107.7765

Harmonies

Analogous

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



29.9617, 26.8674, 28.4518



29.1865, 26.8674, 23.0497



27.4326, 26.8674, 19.7280

Triad

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



29.1865, 26.8674, 23.0497



21.9480, 26.8674, 24.2669



25.8204, 26.8674, 42.9749

Complementary

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



29.1865, 26.8674, 23.0497



29.6361, 34.6486, 44.6611

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.



23.7301, 26.8674, 41.4385



29.1865, 26.8674, 23.0497



21.5703, 26.8674, 30.0712

Square

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



29.1865, 26.8674, 23.0497



23.2668, 26.8674, 20.3573



22.2045, 26.8674, 36.4824



27.9495, 26.8674, 40.4256

Rectangle

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



29.1865, 26.8674, 23.0497



25.9887, 26.8674, 18.8481



22.2045, 26.8674, 36.4824



25.0899, 26.8674, 42.9210

Sweetspot

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



29.1872, 26.8687, 23.0502



64.8767, 66.0233, 68.0027



31.5055, 26.3270, 39.7869



13.8678, 14.0216, 14.2823



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.



29.1872, 26.8687, 23.0502



49.1692, 43.6675, 34.8385



32.7235, 33.9412, 24.2290



8.0961, 8.1969, 8.3688



12.9466, 7.0988, 0.6878



0.3885, 0.2543, 0.0286

Inverse Universe

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



29.6361, 34.6486, 44.6611



50.0950, 59.8094, 79.7098



25.7631, 26.9025, 43.3701



8.1353, 8.8699, 10.2360



13.3258, 17.7854, 31.7751



0.3973, 0.5480, 0.8928

Previews

White Background



This preview shows how the XYZ color 29.1865, 26.8674, 23.0497 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 29.1865, 26.8674, 23.0497 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 29.1865, 26.8674, 23.0497

Background



This preview shows how black text looks on a background with the XYZ color 29.1865, 26.8674, 23.0497.



This preview shows how white text looks on a background with the XYZ color 29.1865, 26.8674,

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

29.1865, 26.8674, 23.0497

Protanopia

25.5868, 26.8645, 24.9559

Deuteranopia

27.4840, 27.0279, 22.8371



Tritanopia

30.3955, 26.9727, 28.4152

Trichromacy



Original Color

29.1865, 26.8674, 23.0497

Protanomaly

26.6951, 26.8034, 24.1887

Deuteranomaly

28.0279, 26.8902, 22.7819

Tritanomaly

29.9450, 26.9805, 26.5512

Monochromacy



Original Color

29.1865, 26.8674, 23.0497

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0030, 27.1128, 27.1026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1865, 26.8674, 23.0497 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(173, 132, 125)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 125)  
}
```

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(173, 132, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.1865, 26.8674, 23.0497 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(173, 132, 125) }
```


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

```
.border{ border-color:rgb(173, 132, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 132, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 125);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1865, 26.8674, 23.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 125) }
```

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

```
.background{ background-color: rgb(173,  
132, 125) }
```

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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