

Converting Colors

XYZ(35.9922, 29.9837, 23.2952)

Have a look what the booklet for
XYZ(35.9922, 29.9837, 23.2952)
contains.

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Color

**XYZ(36.0414, 30.0025,
23.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	CA827D
RGB	202, 130, 125
RGB Percent	79%, 51%, 49%
CMY	0.2078, 0.4902, 0.5098
CMYK	0.00, 0.36, 0.38, 0.21
HSL	4°, 42%, 64%
HSV	4°, 38%, 79%
XYZ	36.0414, 30.0025, 23.2935
YIQ	150.9580, 44.5170, 13.7090

Conversions

Conversions Part 2

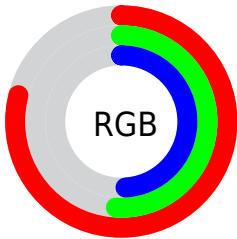
Format	Color
R _{YB}	202, 130, 125
Decimal	13271677
CIE Lab	61.66, 27.18, 14.27
CIE LCh	62, 30.697, 27.711
Yxy	30.0025, 0.4034, 0.3358
Android (android.graphics.Color)	4291461757 (0xFFCA827D)
YUV	150.9580, -12.7973, 44.7638
Hunter-Lab	54.7745, 21.5968, 13.1284

Details

The XYZ color **36.0414, 30.0025, 23.2935** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0834, 48.5547, 63.1891**, and the grayscale version is **29.4378, 30.9709, 33.7273**.

A 20% lighter version of the original color is **66.4164, 58.7553, 49.9599**, and **16.0272, 12.3701, 8.3804** is the 20% darker color. If you saturate the color by 10%, you get **32.5940, 24.9671, 16.4123**, and if you desaturate by 10%, it is **40.2139, 36.0680, 31.7117**.

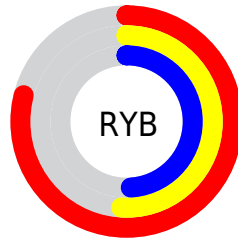
Distribution



Red (79%)

Green (51%)

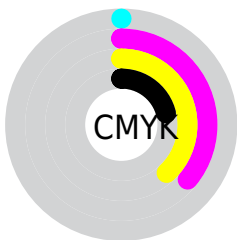
Blue (49%)



Red (79%)

Yellow (51%)

Blue (49%)

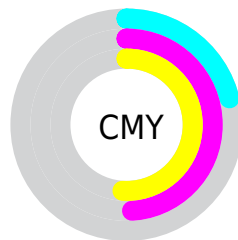


Cyan (0%)

Magenta (36%)

Yellow (38%)

Black (21%)



Cyan (21%)


Magenta (49%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0414, 30.0025, 23.2935 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 36.0414, 30.0025, 23.2935 by changing the saturation by 10% instead.


 36.0414, 30.0025,
23.2935


 36.0414, 30.0025,
23.2935


320.5695,
301.9161, 282.3995


 24.6364, 19.8405,
14.6030


 68.4194, 59.6661,
49.8041

 15.9337, 12.2791,
8.3978


 90.1232, 79.9365,
68.4613

 9.5678, 6.9341,
4.2591


 115.9906,
104.3452, 91.2779

 5.1734, 3.4209,
1.7685

146.3869,
133.2765, 118.6723

 2.3852, 1.3552,
0.4071

181.6777,
167.1149, 151.0631

 0.8377, 0.1834,
0.0000

222.2281,

 0.0000, 0.0000,

206.2446, 188.8689

0.0000

268.4036,
251.0503, 232.5082

■ 36.0414, 30.0025,
23.2935

■ 36.0414, 30.0025,
23.2935

■ 32.5940, 24.9671,
16.4123

■ 40.2139, 36.0680,
31.7117

■ 29.8282, 20.9005,
10.9735

■ 45.1472, 43.2118,
41.7501

■ 27.6992, 17.7417,
6.8751

■ 50.8773, 51.4842,
53.4882

■ 26.1560, 15.4210,
4.0007

■ 57.4375, 60.9312,
66.9994

■ 25.1399, 13.8584,
2.2141

■ 64.8590, 71.5962,
82.3532

■ 24.5735, 12.9560,
1.3147

■ 73.1713, 83.5204,
99.6150

■ 24.5027, 12.8477,
1.1884

■ 78.1671, 91.2965,
108.1099

Harmonies

Analogous

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



37.0961, 30.0025, 33.5732



36.0414, 30.0025, 23.2935



32.9162, 30.0025, 17.1166

Triad

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



36.0414, 30.0025, 23.2935



22.3850, 30.0025, 22.0748



28.2043, 30.0025, 60.6550

Complementary

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



36.0414, 30.0025, 23.2935



39.0834, 48.5547, 63.1891

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.



24.5274, 30.0025, 55.5817



36.0414, 30.0025, 23.2935



21.3736, 30.0025, 31.7784

Square

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



36.0414, 30.0025, 23.2935



25.0215, 30.0025, 16.5400



22.1194, 30.0025, 44.2697



32.3226, 30.0025, 56.8705

Rectangle

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



36.0414, 30.0025, 23.2935



30.2191, 30.0025, 15.2642



22.1194, 30.0025, 44.2697



26.8790, 30.0025, 59.9074

Sweetspot

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



36.0422, 30.0040, 23.2941



83.0548, 82.7164, 84.2253



41.9012, 31.3082, 57.3514



17.4866, 17.2854, 17.4321



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.0422, 30.0040, 23.2941



55.9807, 43.4362, 29.3646



41.9418, 41.8032, 25.2606



11.2699, 11.3287, 11.6721



15.7906, 8.3142, 0.7725



0.8356, 0.4708, 0.0468

Inverse Universe

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



39.0834, 48.5547, 63.1891



61.8576, 79.3495, 106.6635



31.6285, 33.6449, 60.7041



11.4784, 12.5973, 14.3969



18.5775, 26.1791, 40.0302



0.9777, 1.3891, 2.0715

Previews

White Background



This preview shows how the XYZ color 36.0414, 30.0025, 23.2935 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 36.0414, 30.0025, 23.2935 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 ✓ Pass

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

XYZ 36.0414, 30.0025, 23.2935

Background



This preview shows how black text looks on a background with the XYZ color 36.0414, 30.0025, 23.2935.



This preview shows how white text looks on a background with the XYZ color 36.0414, 30.0025,

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

36.0414, 30.0025, 23.2935

Protanopia

28.5681, 30.1847, 26.8748

Deuteranopia

30.7820, 30.2608, 22.9574



Tritanopia

36.9352, 29.9698, 27.8828

Trichromacy



Original Color

36.0414, 30.0025, 23.2935

Protanomaly

30.7830, 29.7554, 25.5936

Deuteranomaly

32.6379, 30.1108, 23.1605

Tritanomaly

36.7125, 30.0905, 26.0634

Monochromacy



Original Color

36.0414, 30.0025, 23.2935

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.2825, 30.1440, 29.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0414, 30.0025, 23.2935 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(202, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(202, 130, 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(202, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 130, 125) }
```

Border

The CSS property to change the border of an element to XYZ 36.0414, 30.0025, 23.2935 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(202, 130, 125) }
```


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

```
.border{ border-color:rgb(202, 130, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(202, 130,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0414, 30.0025, 23.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 130, 125) }
```

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

```
.background{ background-color: rgb(202,  
130, 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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