

Converting Colors

XYZ(36.6137, 30.3418, 23.3128)

Have a look what the booklet for
XYZ(36.6137, 30.3418, 23.3128)
contains.

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Color

**XYZ(36.5861, 30.2833,
23.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	CC827D
RGB	204, 130, 125
RGB Percent	80%, 51%, 49%
CMY	0.2000, 0.4902, 0.5098
CMYK	0.00, 0.36, 0.39, 0.20
HSL	4°, 44%, 65%
HSV	4°, 39%, 80%
XYZ	36.5861, 30.2833, 23.3190
YIQ	151.5560, 45.7090, 14.1330

Conversions

Conversions Part 2

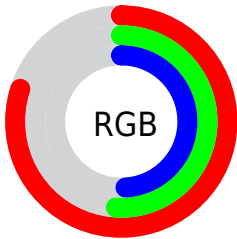
Format	Color
R_{YB}	204, 130, 125
Decimal	13402749
CIE Lab	61.90, 27.95, 14.65
CIE LCh	62, 31.555, 27.658
Yxy	30.2833, 0.4057, 0.3358
Android (android.graphics.Color)	4291592829 (0xFFCC827D)
YUV	151.5560, -13.0921, 45.9934
Hunter-Lab	55.0303, 22.3703, 13.3971

Details

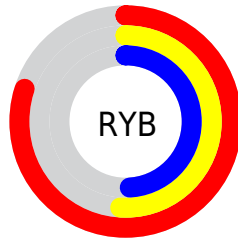
The XYZ color **36.5861, 30.2833, 23.3190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7790, 49.5643, 64.5969**, and the grayscale version is **29.6953, 31.2418, 34.0223**.

A 20% lighter version of the original color is **66.4164, 58.7553, 49.9599**, and **16.2058, 12.4622, 8.3888** is the 20% darker color. If you saturate the color by 10%, you get **33.1044, 25.1957, 16.3758**, and if you desaturate by 10%, it is **40.8090, 36.4248, 31.8303**.

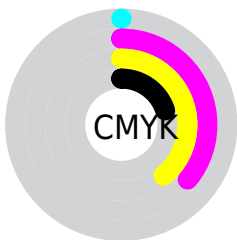
Distribution



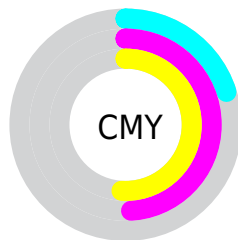
- Red (80%)
- Green (51%)
- Blue (49%)



- Red (80%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (36%)
- Yellow (39%)
- Black (20%)





- Cyan (20%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5861, 30.2833, 23.3190 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 36.5861, 30.2833, 23.3190 by changing the saturation by 10% instead.


 36.5861, 30.2833,
23.3190

 36.5861, 30.2833,
23.3190


322.9018,
303.2228, 282.5341


 25.0594, 20.0537,
14.6217


 69.2537, 60.1099,
49.8464

 16.2503, 12.4341,
8.4107


 91.1253, 80.4757,
68.5136

 9.7934, 7.0400,
4.2673


 117.1760,
104.9891, 91.3412

 5.3234, 3.4872,
1.7731

147.7710,
134.0344, 118.7478

 2.4749, 1.3910,
0.4101

183.2757,
167.9960, 151.1518

 0.8826, 0.2101,
0.0000

224.0555,

 0.0000, 0.0000,

207.2583, 188.9718

0.0000

270.4758,
252.2058, 232.6264

■ 36.5861, 30.2833,
23.3190

■ 36.5861, 30.2833,
23.3190

■ 33.1044, 25.1957,
16.3758

■ 40.8090, 36.4248,
31.8303

■ 30.3189, 21.0986,
10.9033

■ 45.8099, 43.6701,
41.9955

■ 28.1833, 17.9287,
6.7960

■ 51.6262, 52.0713,
53.8962

■ 26.6447, 15.6137,
3.9337

■ 58.2920, 61.6757,
67.6083

■ 25.6419, 14.0702,
2.1750

■ 65.8395, 72.5284,
83.2030

■ 25.0920, 13.1949,
1.2991

■ 74.2993, 84.6716,
100.7476

■ 25.0447, 13.1232,
1.2130

■ 78.7118, 91.5773,
108.1354

Harmonies

Analogous

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



37.6769, 30.2833, 33.9324



36.5861, 30.2833, 23.3190



33.3467, 30.2833, 16.9776

Triad

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



36.5861, 30.2833, 23.3190



22.4572, 30.2833, 22.0373



28.4530, 30.2833, 62.0727

Complementary

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



36.5861, 30.2833, 23.3190



39.7790, 49.5643, 64.5969

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.



24.6566, 30.2833, 56.7644



36.5861, 30.2833, 23.3190



21.4126, 30.2833, 32.0326

Square

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



36.5861, 30.2833, 23.3190



25.1784, 30.2833, 16.3747



22.1773, 30.2833, 44.9808



32.7170, 30.2833, 58.1397

Rectangle

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



36.5861, 30.2833, 23.3190



30.5531, 30.2833, 15.0818



22.1773, 30.2833, 44.9808



27.0834, 30.2833, 61.2867

Sweetspot

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



36.5869, 30.2848, 23.3196



82.0374, 81.2406, 82.1629



42.6667, 31.6773, 58.5397



17.2831, 16.9898, 17.0206



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.



36.5869, 30.2848, 23.3196



55.9512, 43.3771, 29.3547



42.6894, 42.4899, 25.3538



11.2684, 11.3258, 11.6716



15.7875, 8.3080, 0.7715



0.8349, 0.4694, 0.0466

Inverse Universe

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



39.7790, 49.5643, 64.5969



61.9167, 79.4678, 106.6832



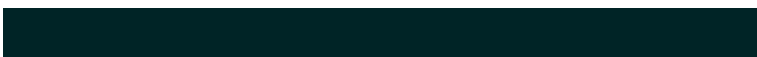
32.0231, 34.0526, 62.0116



11.4801, 12.6006, 14.3975



18.6230, 26.2699, 40.0453



0.9795, 1.3929, 2.0722

Previews

White Background



This preview shows how the XYZ color 36.5861, 30.2833, 23.3190 looks on a white background.

Color Contrast Check

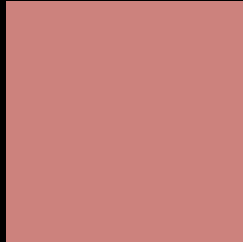
Large Text (above 18pt) WCAG AA × Fail

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 36.5861, 30.2833, 23.3190 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 36.5861, 30.2833, 23.3190

Background



This preview shows how black text looks on a background with the XYZ color 36.5861, 30.2833, 23.3190.



This preview shows how white text looks on a background with the XYZ color 36.5861, 30.2833,

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

36.5861, 30.2833, 23.3190

Protanopia

28.8309, 30.3121, 27.2529

Deuteranopia

30.9417, 30.3503, 22.6398



Tritanopia

37.4835, 30.2525, 27.9085

Trichromacy



Original Color

36.5861, 30.2833, 23.3190

Protanomaly

31.0033, 29.8689, 25.6040

Deuteranomaly

32.8154, 30.2096, 22.8404

Tritanomaly

37.2607, 30.3731, 26.0890

Monochromacy



Original Color

36.5861, 30.2833, 23.3190

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.6503, 30.5574, 29.8212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5861, 30.2833, 23.3190 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(204, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 130, 125) }
```

Border

The CSS property to change the border of an element to XYZ 36.5861, 30.2833, 23.3190 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(204, 130, 125) }
```


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

```
.border{ border-color:rgb(204, 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(204, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(204, 130,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5861, 30.2833, 23.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 130, 125) }
```

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

```
.background{ background-color: rgb(204,  
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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