

Converting Colors

XYZ(36.2330, 30.2618, 25.0505)

Have a look what the booklet for
XYZ(36.2330, 30.2618, 25.0505)
contains.

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Color

**XYZ(36.2330, 30.2618,
25.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	C98382
RGB	201, 131, 130
RGB Percent	79%, 51%, 51%
CMY	0.2118, 0.4863, 0.4902
CMYK	0.00, 0.35, 0.35, 0.21
HSL	1°, 40%, 65%
HSV	1°, 35%, 79%
XYZ	36.2330, 30.2618, 25.0505
YIQ	151.8160, 42.0410, 14.5290

Conversions

Conversions Part 2

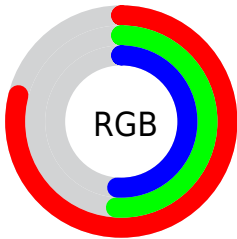
Format	Color
R _Y B	201, 131, 130
Decimal	13206402
CIE Lab	61.88, 26.85, 11.72
CIE LCh	62, 29.303, 23.585
Yxy	30.2618, 0.3958, 0.3306
Android (android.graphics.Color)	4291396482 (0xFFC98382)
YUV	151.8160, -10.7553, 43.1344
Hunter-Lab	55.0107, 21.3009, 11.5083

Details

The XYZ color **36.2330, 30.2618, 25.0505** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4021, 50.2697, 62.8321**, and the grayscale version is **29.7986, 31.3504, 34.1406**.

A 20% lighter version of the original color is **67.1362, 59.3768, 52.7222**, and **16.1047, 12.4987, 9.3483** is the 20% darker color. If you saturate the color by 10%, you get **32.6017, 24.9514, 17.8214**, and if you desaturate by 10%, it is **40.6384, 36.6984, 33.8384**.

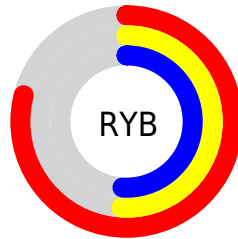
Distribution



Red (79%)

Green (51%)

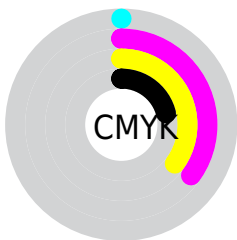
Blue (51%)



Red (79%)

Yellow (51%)

Blue (51%)

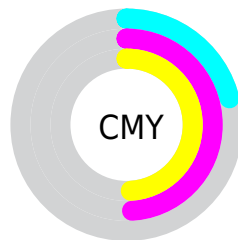


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (21%)



Cyan (21%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2330, 30.2618, 25.0505 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 36.2330, 30.2618, 25.0505 by changing the saturation by 10% instead.


 36.2330, 30.2618,
25.0505


 36.2330, 30.2618,
25.0505


321.3913,
303.1229, 291.5451


 24.7851, 20.0374,
15.8953


 68.7131, 60.0760,
52.7043

 16.0449, 12.4222,
9.2966

 90.4760, 80.4345,
72.0399

 9.6470, 7.0319,
4.8357


 116.4080,
104.9398, 95.6062

 5.2260, 3.4821,
2.0941

146.8744,
133.9764, 123.8216

 2.4166, 1.3883,
0.6123

182.2406,
167.9286, 157.1046

 0.8534, 0.2081,
0.0000

222.8719,

 0.0000, 0.0000,

207.1808, 195.8738

0.0000

269.1337,
252.1174, 240.5478

■ 36.2330, 30.2618,
25.0505

■ 36.2330, 30.2618,
25.0505

■ 32.6017, 24.9514,
17.8214

■ 40.6384, 36.6984,
33.8384

■ 29.6976, 20.6986,
12.0585

■ 45.8566, 44.3162,
44.2670

■ 27.4724, 17.4338,
7.6621

■ 51.9263, 53.1716,
56.4142

■ 25.8711, 15.0774,
4.5193

■ 58.8832, 63.3164,
70.3529

■ 24.8300, 13.5378,
2.4995

■ 66.7611, 74.7992,
86.1514

■ 24.2718, 12.7038,
1.4428

■ 75.5916, 87.6663,
103.8747

■ 24.1183, 12.4793,
1.1376

■ 77.8975, 91.1575,
108.0973

Harmonies

Analogous

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



36.9161, 30.2618, 35.4194



36.2330, 30.2618, 25.0505



33.4700, 30.2618, 18.4604

Triad

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



36.2330, 30.2618, 25.0505



23.1172, 30.2618, 21.7316



27.9296, 30.2618, 59.3717

Complementary

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



36.2330, 30.2618, 25.0505



40.4021, 50.2697, 62.8321

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.



24.5193, 30.2618, 53.5369



36.2330, 30.2618, 25.0505



21.9083, 30.2618, 30.5981

Square

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



36.2330, 30.2618, 25.0505



25.8532, 30.2618, 16.8704



22.3974, 30.2618, 42.3567



31.8832, 30.2618, 56.9375

Rectangle

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



36.2330, 30.2618, 25.0505



30.9444, 30.2618, 16.2867



22.3974, 30.2618, 42.3567



26.6865, 30.2618, 58.2765

Sweetspot

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



36.2338, 30.2633, 25.0511



82.6622, 81.9313, 84.0944



42.6129, 32.6001, 59.3050



17.3940, 17.1003, 17.4012



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.



36.2338, 30.2633, 25.0511



57.3906, 45.0213, 33.6407



41.6624, 41.1205, 26.8606



10.6457, 10.6605, 11.0594



15.1703, 7.8578, 0.7171



0.7226, 0.3807, 0.0354

Inverse Universe

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



40.4021, 50.2697, 62.8321



65.5233, 84.0639, 107.3803



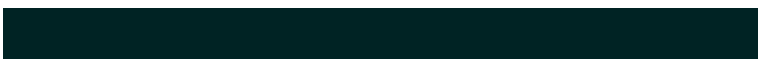
33.2943, 36.0542, 60.4629



10.9334, 12.0408, 13.6653



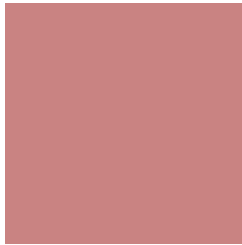
19.3548, 28.1034, 39.1488



0.9207, 1.3391, 1.8551

Previews

White Background



This preview shows how the XYZ color 36.2330, 30.2618, 25.0505 looks on a white background.

Color Contrast Check

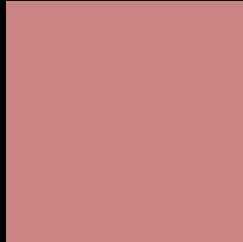
Large Text (above 18pt) WCAG AA × Fail

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 36.2330, 30.2618, 25.0505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

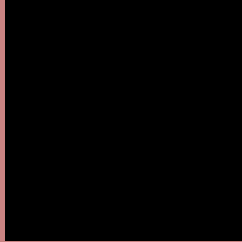
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2330, 30.2618, 25.0505

Background



This preview shows how black text looks on a background with the XYZ color 36.2330, 30.2618, 25.0505.



This preview shows how white text looks on a background with the XYZ color 36.2330, 30.2618,

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

36.2330, 30.2618, 25.0505

Protanopia

28.9986, 30.3569, 29.1420

Deuteranopia

30.8828, 30.2757, 24.6382



Tritanopia

37.0000, 30.3859, 28.3411

Trichromacy



Original Color

36.2330, 30.2618, 25.0505

Protanomaly

31.1302, 29.8942, 27.4220

Deuteranomaly

32.7235, 30.1175, 24.8574

Tritanomaly

36.7837, 30.2994, 27.2022

Monochromacy



Original Color

36.2330, 30.2618, 25.0505

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.5849, 30.5062, 30.6091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2330, 30.2618, 25.0505 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(201, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(201, 131, 130)  
}
```

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(201, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 131, 130) }
```

Border

The CSS property to change the border of an element to XYZ 36.2330, 30.2618, 25.0505 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(201, 131, 130) }
```


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

```
.border{ border-color:rgb(201, 131, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(201, 131,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2330, 30.2618, 25.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 131, 130) }
```

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

```
.background{ background-color: rgb(201,  
131, 130) }
```

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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