

Converting Colors

XYZ(36.7856, 30.6588, 27.5744)

Have a look what the booklet for
XYZ(36.7856, 30.6588, 27.5744)
contains.

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Color

**XYZ(36.8540, 30.7262,
27.6552)**

Conversions

Conversions Part 1

Format	Color
Hex	C98489
RGB	201, 132, 137
RGB Percent	79%, 52%, 54%
CMY	0.2118, 0.4823, 0.4627
CMYK	0.00, 0.34, 0.32, 0.21
HSL	356°, 39%, 65%
HSV	356°, 34%, 79%
XYZ	36.8540, 30.7262, 27.6552
YIQ	153.2010, 39.5190, 16.1830

Conversions

Conversions Part 2

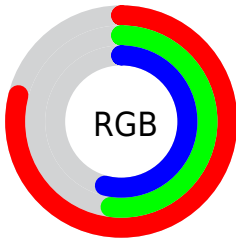
Format	Color
R_{YB}	201, 132, 137
Decimal	13206665
CIE Lab	62.28, 27.21, 8.30
CIE LCh	62, 28.444, 16.965
Yxy	30.7262, 0.3870, 0.3226
Android (android.graphics.Color)	4291396745 (0xFFC98489)
YUV	153.2010, -7.9871, 41.9197
Hunter-Lab	55.4312, 21.6729, 9.2215

Details

The XYZ color **36.8540, 30.7262, 27.6552** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3676, 50.6650, 59.8790**, and the grayscale version is **30.3882, 31.9707, 34.8161**.

A 20% lighter version of the original color is **68.0932, 60.0955, 56.7259**, and **16.3398, 12.5927, 10.5863** is the 20% darker color. If you saturate the color by 10%, you get **33.1624, 25.3015, 20.3865**, and if you desaturate by 10%, it is **41.3035, 37.2965, 36.3174**.

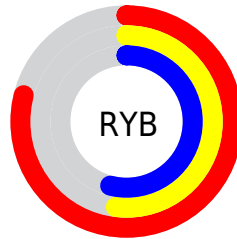
Distribution



Red (79%)

Green (52%)

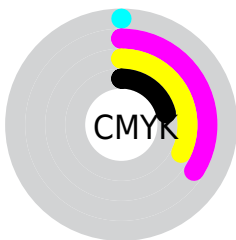
Blue (54%)



Red (79%)

Yellow (52%)

Blue (54%)

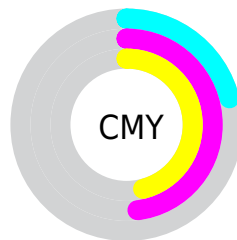


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (21%)



Cyan (21%)


Magenta (48%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8540, 30.7262, 27.6552 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 36.8540, 30.7262, 27.6552 by changing the saturation by 10% instead.


 36.8540, 30.7262,
27.6552


 36.8540, 30.7262,
27.6552


324.0445,
305.2749, 304.6756


 25.2676, 20.3904,
17.8291

 69.6635, 60.8087,
56.9499

 16.4064, 12.6792,
10.6592


 91.6173, 81.3243,
77.2557

 9.9048, 7.2080,
5.7269


 117.7576,
106.0020, 101.8917

 5.3977, 3.5925,
2.6136

148.4498,
135.2261, 131.2767

 2.5196, 1.4483,
0.8995

184.0592,
169.3810, 165.8289

 0.9051, 0.2519,
0.0000

224.9513,

 0.0000, 0.0000,

208.8512, 205.9672

0.0000

271.4912,
254.0211, 252.1099

■ 36.8540, 30.7262,
27.6552

■ 36.8540, 30.7262,
27.6552

■ 33.1624, 25.3015,
20.3865

■ 41.3035, 37.2965,
36.3174

■ 30.1840, 20.9527,
14.4369

■ 46.5474, 45.0681,
46.4386

■ 27.8735, 17.6093,
9.7276

■ 52.6226, 54.0984,
58.0826

■ 26.1790, 15.1909,
6.1707

■ 59.5631, 64.4397,
71.3085

■ 25.0411, 13.6043,
3.6671

■ 67.4010, 76.1415,
86.1726

■ 24.3887, 12.7370,
2.1003

■ 76.1667, 89.2506,
102.7281

■ 24.1705, 12.4507,
1.5647

■ 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



37.0073, 30.7262, 38.4571



36.8540, 30.7262, 27.6552



34.5405, 30.7262, 20.2535

Triad

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



36.8540, 30.7262, 27.6552



24.1314, 30.7262, 20.9964



27.5699, 30.7262, 58.5848

Complementary

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



36.8540, 30.7262, 27.6552



40.3676, 50.6650, 59.8790

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.



24.4481, 30.7262, 51.4215



36.8540, 30.7262, 27.6552



22.5834, 30.7262, 28.9077

Square

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



36.8540, 30.7262, 27.6552



27.1018, 30.7262, 17.0275



22.6940, 30.7262, 40.0152



31.4129, 30.7262, 58.0411

Rectangle

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



36.8540, 30.7262, 27.6552



32.1909, 30.7262, 17.5205



22.6940, 30.7262, 40.0152



26.4085, 30.7262, 56.9419

Sweetspot

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



36.8548, 30.7277, 27.6558



83.8706, 83.3648, 87.5286



41.3651, 32.3565, 59.3236



17.6413, 17.3822, 18.1391



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.



36.8548, 30.7277, 27.6558



58.3916, 45.6859, 38.0974



40.9544, 39.4872, 27.2950



10.6645, 10.6492, 11.2166



15.2105, 7.8338, 1.0523



0.7313, 0.3754, 0.1081

Inverse Universe

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



36.8548, 30.7277, 27.6558



58.3916, 45.6859, 38.0974



34.8598, 38.7242, 60.8956



10.6645, 10.6492, 11.2166



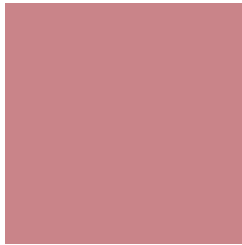
15.2105, 7.8338, 1.0523



0.7313, 0.3754, 0.1081

Previews

White Background



This preview shows how the XYZ color 36.8540, 30.7262, 27.6552 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 36.8540, 30.7262, 27.6552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

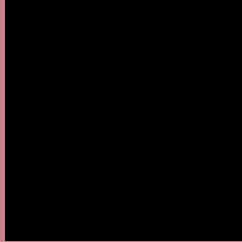
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8540, 30.7262, 27.6552

Background



This preview shows how black text looks on a background with the XYZ color 36.8540, 30.7262, 27.6552.



This preview shows how white text looks on a background with the XYZ color 36.8540, 30.7262,

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

36.8540, 30.7262, 27.6552

Protanopia

29.6904, 30.8878, 32.0009

Deuteranopia

31.2932, 30.6580, 27.1899



Tritanopia

37.0114, 30.5732, 29.1498

Trichromacy



Original Color

36.8540, 30.7262, 27.6552

Protanomaly

31.7936, 30.3987, 30.1784

Deuteranomaly

33.1134, 30.4788, 27.4303

Tritanomaly

36.9373, 30.5436, 28.7596

Monochromacy



Original Color

36.8540, 30.7262, 27.6552

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.9694, 30.9034, 31.8838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8540, 30.7262, 27.6552 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, 132, 137)` looks like.

```
.text, #text, p{  
    color:rgb(201, 132, 137)  
}
```

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, 132, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 132, 137) }
```

Border

The CSS property to change the border of an element to XYZ 36.8540, 30.7262, 27.6552 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, 132, 137) }
```


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

```
.border{ border-color:rgb(201, 132, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 132, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 132, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 132, 137); box-shadow:4px 4px 4px 4px rgb(201, 132, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8540, 30.7262, 27.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 132, 137) }
```

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

```
.background{ background-color: rgb(201,  
132, 137) }
```

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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