

Converting Colors

XYZ(37.3953, 30.6568, 25.1383)

Have a look what the booklet for
XYZ(37.3953, 30.6568, 25.1383)
contains.

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Color

**XYZ(37.4655, 30.6988,
25.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8282
RGB	206, 130, 130
RGB Percent	81%, 51%, 51%
CMY	0.1922, 0.4902, 0.4902
CMYK	0.00, 0.37, 0.37, 0.19
HSL	0°, 44%, 66%
HSV	0°, 37%, 81%
XYZ	37.4655, 30.6988, 25.0699
YIQ	152.7240, 45.2960, 16.1120

Conversions

Conversions Part 2

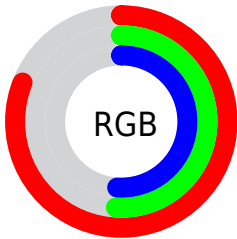
Format	Color
R_{YB}	206, 130, 130
Decimal	13533826
CIE _{Lab}	62.25, 29.31, 12.34
CIE _{LCh}	62, 31.802, 22.824
Yxy	30.6988, 0.4018, 0.3293
Android (android.graphics.Color)	4291723906 (0xFFCE8282)
YUV	152.7240, -11.2029, 46.7231
Hunter-Lab	55.4065, 23.7391, 11.9575

Details

The XYZ color **37.4655, 30.6988, 25.0699** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4168, 53.3425, 66.4530**, and the grayscale version is **30.1924, 31.7648, 34.5918**.

A 20% lighter version of the original color is **66.9277, 58.9599, 52.6527**, and **16.6756, 12.5756, 9.3330** is the 20% darker color. If you saturate the color by 10%, you get **33.7477, 25.2589, 17.6782**, and if you desaturate by 10%, it is **42.0102, 37.3493, 34.1035**.

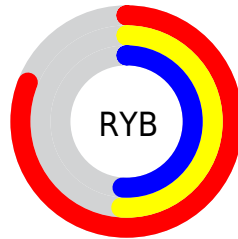
Distribution



Red (81%)

Green (51%)

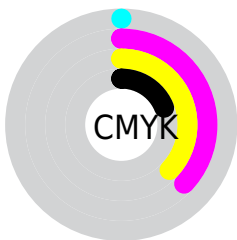
Blue (51%)



Red (81%)

Yellow (51%)

Blue (51%)

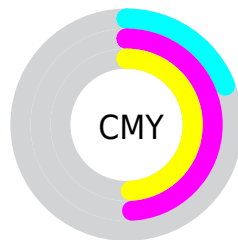


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (19%)



Cyan (19%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4655, 30.6988, 25.0699 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 37.4655, 30.6988, 25.0699 by changing the saturation by 10% instead.


 37.4655, 30.6988,
25.0699


 37.4655, 30.6988,
25.0699


326.6422,
305.1483, 291.6447


 25.7434, 20.3696,
15.9096


 70.5973, 60.7655,
52.7361

 16.7635, 12.6640,
9.3066


 92.7378, 81.2719,
72.0792

 10.1603, 7.1976,
4.8422


 119.0818,
105.9394, 95.6536

 5.5684, 3.5860,
2.0978

149.9947,
135.1525, 123.8779

 2.6226, 1.4448,
0.6145

185.8419,
169.2955, 157.1706

 0.9575, 0.2494,
0.0000

226.9886,

 0.0000, 0.0000,

208.7529, 195.9503

0.0000

273.8002,
253.9090, 240.6354

■ 37.4655, 30.6988,
25.0699

■ 37.4655, 30.6988,
25.0699

■ 33.7477, 25.2589,
17.6782

■ 42.0102, 37.3493,
34.1035

■ 30.8049, 20.9526,
11.8281

■ 47.4248, 45.2724,
44.8675

■ 28.5829, 17.7012,
7.4112

■ 53.7521, 54.5311,
57.4461

■ 27.0200, 15.4141,
4.3044

■ 61.0317, 65.1830,
71.9178

■ 26.0436, 13.9854,
2.3638

■ 69.3004, 77.2825,
88.3560

■ 25.5583, 13.2751,
1.3991

■ 78.5935, 90.8808,
106.8307

■ 25.4537, 13.1221,
1.1913

■ 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



38.1567, 30.6988, 36.4662



37.4655, 30.6988, 25.0699



34.4550, 30.6988, 17.9082

Triad

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



37.4655, 30.6988, 25.0699



23.0839, 30.6988, 21.0807



28.1594, 30.6988, 62.7892

Complementary

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



37.4655, 30.6988, 25.0699



42.4168, 53.3425, 66.4530

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.



24.4699, 30.6988, 56.0175



37.4655, 30.6988, 25.0699



21.7318, 30.6988, 30.5592

Square

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



37.4655, 30.6988, 25.0699



26.0925, 30.6988, 16.0303



22.2132, 30.6988, 43.4583



32.4982, 30.6988, 60.2875

Rectangle

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



37.4655, 30.6988, 25.0699



31.6840, 30.6988, 15.5471



22.2132, 30.6988, 43.4583



26.8083, 30.6988, 61.4755

Sweetspot

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



37.4663, 30.7003, 25.0705



82.5541, 81.7151, 84.0584



44.5769, 33.5436, 62.5176



17.3685, 17.0493, 17.3927



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.



37.4663, 30.7003, 25.0705



55.9763, 42.8241, 31.2228



43.4856, 42.7390, 27.0769



11.2124, 11.2138, 11.6530



15.6736, 8.0802, 0.7335



0.8086, 0.4169, 0.0378

Inverse Universe

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



42.4168, 53.3425, 66.4530



65.1009, 84.5574, 107.4978



34.3494, 37.2076, 63.7639



11.5433, 12.7270, 14.4185



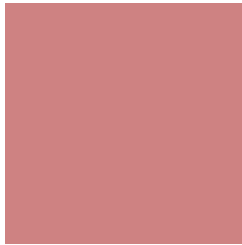
20.4490, 29.9220, 40.6540



1.0550, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 37.4655, 30.6988, 25.0699 looks on a white background.

Color Contrast Check

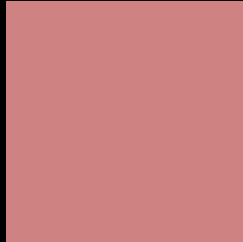
Large Text (above 18pt) WCAG AA × Fail

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 37.4655, 30.6988, 25.0699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

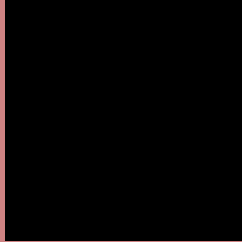
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4655, 30.6988, 25.0699

Background



This preview shows how black text looks on a background with the XYZ color 37.4655, 30.6988, 25.0699.



This preview shows how white text looks on a background with the XYZ color 37.4655, 30.6988,

25.0699.

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

37.4655, 30.6988, 25.0699

Protanopia

29.4244, 30.8037, 29.5942

Deuteranopia

31.4117, 30.7818, 24.3646



Tritanopia

38.1698, 30.8009, 27.9782

Trichromacy



Original Color

37.4655, 30.6988, 25.0699

Protanomaly

31.7934, 30.4497, 27.8686

Deuteranomaly

33.5241, 30.7538, 24.5912

Tritanomaly

37.9556, 30.7152, 26.8498

Monochromacy



Original Color

37.4655, 30.6988, 25.0699

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.2495, 31.0658, 31.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4655, 30.6988, 25.0699 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(206, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(206, 130, 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(206, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 37.4655, 30.6988, 25.0699 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(206, 130, 130) }
```


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

```
.border{ border-color:rgb(206, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(206, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4655, 30.6988, 25.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 130, 130) }
```

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

```
.background{ background-color: rgb(206,  
130, 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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