

Converting Colors

XYZ(37.7505, 30.5204, 41.5435)

Have a look what the booklet for
XYZ(37.7505, 30.5204, 41.5435)
contains.

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Color

**XYZ(37.6497, 30.4319,
41.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	C382A9
RGB	195, 130, 169
RGB Percent	76%, 51%, 66%
CMY	0.2353, 0.4902, 0.3373
CMYK	0.00, 0.33, 0.13, 0.24
HSL	324°, 35%, 64%
HSV	324°, 33%, 76%
XYZ	37.6497, 30.4319, 41.4257
YIQ	153.8810, 26.2210, 25.9090

Conversions

Conversions Part 2

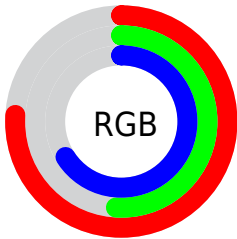
Format	Color
R _Y B	195, 130, 169
Decimal	12812969
CIE Lab	62.03, 30.89, -10.40
CIE LCh	62, 32.594, 341.401
Yxy	30.4319, 0.3438, 0.2779
Android (android.graphics.Color)	4291003049 (0xFFC382A9)
YUV	153.8810, 7.4537, 36.0614
Hunter-Lab	55.1651, 25.2857, -5.9077

Details

The XYZ color **37.6497, 30.4319, 41.4257** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.7230, 46.1771, 38.5375**, and the grayscale version is **30.6240, 32.2189, 35.0864**.

A 20% lighter version of the original color is **70.7399, 60.3582, 78.4429**, and **16.8221, 12.4518, 18.3464** is the 20% darker color. If you saturate the color by 10%, you get **34.5871, 25.4435, 36.8991**, and if you desaturate by 10%, it is **41.2493, 36.4235, 46.3476**.

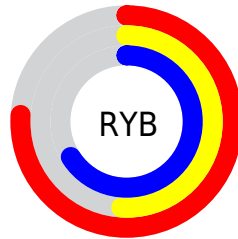
Distribution



Red (76%)

Green (51%)

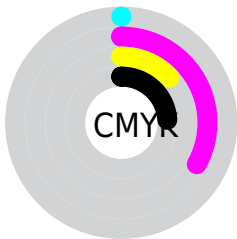
Blue (66%)



Red (76%)

Yellow (51%)

Blue (66%)

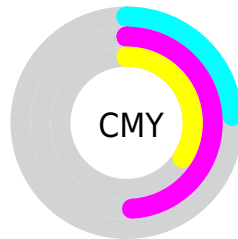


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6497, 30.4319, 41.4257 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 37.6497, 30.4319, 41.4257 by changing the saturation by 10% instead.


 37.6497, 30.4319,
41.4257

 37.6497, 30.4319,
41.4257

327.4218,
303.9125, 367.8259


 25.8869, 20.1666,
28.3297


 70.8783, 60.3445,
78.5904

 16.8713, 12.5162,
18.3331


 93.0747, 80.7607,
103.4961

 10.2375, 7.0963,
11.0175


 119.4798,
105.3293, 133.1755

 5.6202, 3.5224,
5.9643

150.4589,
134.4347, 168.0470

 2.6540, 1.4102,
2.7549

186.3772,
168.4613, 208.5293

 0.9735, 0.2242,
0.9709

227.6003,

 0.0000, 0.0000,

207.7936, 255.0408

0.0000

274.4933,
252.8158, 308.0002

■ 37.6497, 30.4319,
41.4257

■ 37.6497, 30.4319,
41.4257

■ 34.5871, 25.4435,
36.8991

■ 41.2493, 36.4235,
46.3476

■ 32.0302, 21.3983,
32.7526

■ 45.4097, 43.4659,
51.6752

■ 29.9485, 18.2360,
28.9725


■ 50.1562, 51.6083,
57.4210


■ 28.3069, 15.8877,
25.5432


■ 55.5119, 60.8959,
63.5961


■ 27.0652, 14.2743,
22.4473


■ 61.4988, 71.3712,
70.2112


 26.1750, 13.3002,
19.6644

 68.1374, 83.0745,
77.2764

 25.7165, 12.8864,
17.9603

 71.6667, 88.4825,
83.5414

 72.7469, 88.9146,
89.2292

 73.8761, 89.3663,
95.1759

Harmonies

Analogous

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



34.8503, 30.4319, 54.6834



37.6497, 30.4319, 41.4257



37.9764, 30.4319, 28.5985

Triad

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



37.6497, 30.4319, 41.4257



27.2938, 30.4319, 14.6891



23.0639, 30.4319, 51.7516

Complementary

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



37.6497, 30.4319, 41.4257



34.7230, 46.1771, 38.5375

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.



21.4392, 30.4319, 38.1279



37.6497, 30.4319, 41.4257



23.7119, 30.4319, 18.1536

Square

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



37.6497, 30.4319, 41.4257



31.6906, 30.4319, 15.1488



21.6638, 30.4319, 26.0318



26.3245, 30.4319, 61.6054

Rectangle

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



37.6497, 30.4319, 41.4257



36.7128, 30.4319, 22.1038



21.6638, 30.4319, 26.0318



22.3240, 30.4319, 47.3349

Sweetspot

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



37.6506, 30.4333, 41.4263



83.9131, 82.2619, 95.7369



31.5445, 26.9749, 55.1742



18.1178, 17.5729, 20.6485



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.



37.6506, 30.4333, 41.4263



63.3412, 47.8207, 68.2161



34.9690, 29.3606, 27.3050



10.3212, 10.1771, 11.7818



16.7567, 8.3924, 11.8966



0.7573, 0.3759, 0.6893

Inverse Universe

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



37.6506, 30.4333, 41.4263



63.3412, 47.8207, 68.2161



37.8531, 47.4292, 55.0203



10.3212, 10.1771, 11.7818



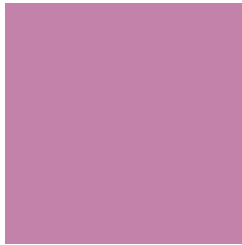
16.7567, 8.3924, 11.8966



0.7573, 0.3759, 0.6893

Previews

White Background



This preview shows how the XYZ color 37.6497, 30.4319, 41.4257 looks on a white background.

Color Contrast Check

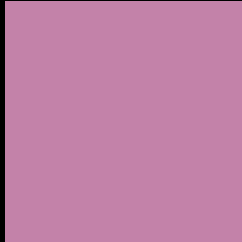
Large Text (above 18pt) WCAG AA × Fail

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 37.6497, 30.4319, 41.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

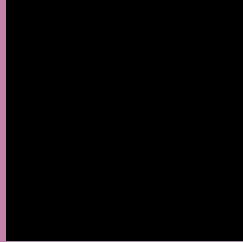
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6497, 30.4319, 41.4257

Background



This preview shows how black text looks on a background with the XYZ color 37.6497, 30.4319, 41.4257.



This preview shows how white text looks on a background with the XYZ color 37.6497, 30.4319,

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

37.6497, 30.4319, 41.4257

Protanopia

30.4156, 30.6707, 48.0330

Deuteranopia

31.2624, 30.5800, 40.3312



Tritanopia

35.3742, 30.3010, 30.7723

Trichromacy



Original Color

37.6497, 30.4319, 41.4257

Protanomaly

32.5091, 30.2017, 45.7111

Deuteranomaly

33.1477, 30.2041, 40.6421

Tritanomaly

36.2126, 30.4456, 34.5398

Monochromacy



Original Color

37.6497, 30.4319, 41.4257

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.7456, 31.1890, 37.0951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6497, 30.4319, 41.4257 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(195, 130, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 130, 169)  
}
```

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(195, 130, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 130, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.6497, 30.4319, 41.4257 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(195, 130, 169) }
```


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

```
.border{ border-color:rgb(195, 130, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 130, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 130, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 130, 169);  
box-shadow:4px 4px 4px 4px rgb(195, 130,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6497, 30.4319, 41.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 130, 169) }
```

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

```
.background{ background-color: rgb(195,  
130, 169) }
```

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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