

Converting Colors

XYZ(37.5900, 28.3827, 47.3499)

Have a look what the booklet for
XYZ(37.5900, 28.3827, 47.3499)
contains.

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Color

**XYZ(37.5626, 28.3712,
47.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	C378B5
RGB	195, 120, 181
RGB Percent	76%, 47%, 71%
CMY	0.2353, 0.5294, 0.2902
CMYK	0.00, 0.38, 0.07, 0.24
HSL	311°, 38%, 62%
HSV	311°, 38%, 76%
XYZ	37.5626, 28.3712, 47.2125
YIQ	149.3790, 25.1190, 34.8710

Conversions

Conversions Part 2

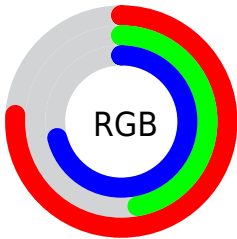
Format	Color
R_{YB}	195, 120, 181
Decimal	12810421
CIE _{Lab}	60.22, 38.38, -19.96
CIE _{LCh}	60, 43.258, 332.522
Yxy	28.3712, 0.3320, 0.2507
Android (android.graphics.Color)	4291000501 (0xFFC378B5)
YUV	149.3790, 15.5892, 40.0096
Hunter-Lab	53.2646, 32.6664, -15.2680

Details

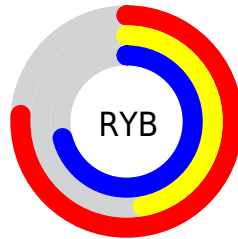
The XYZ color **37.5626, 28.3712, 47.2125** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.5651, 44.7454, 29.5290**, and the grayscale version is **28.6564, 30.1487, 32.8320**.

A 20% lighter version of the original color is **70.9301, 57.2692, 87.4364**, and **16.8396, 11.3902, 21.7331** is the 20% darker color. If you saturate the color by 10%, you get **35.0834, 24.0024, 44.5674**, and if you desaturate by 10%, it is **40.5309, 33.7016, 50.0693**.

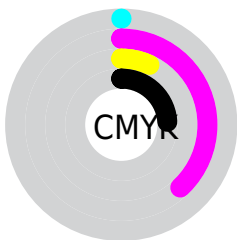
Distribution



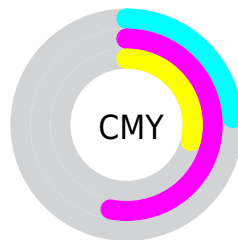
- Red (76%)
- Green (47%)
- Blue (71%)



- Red (76%)
- Yellow (47%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (7%)
- Black (24%)





- Cyan (24%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5626, 28.3712, 47.2125 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 37.5626, 28.3712, 47.2125 by changing the saturation by 10% instead.


 37.5626, 28.3712,
47.2125


 37.5626, 28.3712,
47.2125


327.0533,
294.2364, 392.0804


 25.8191, 18.6057,
32.8481


 70.7455, 57.0765,
87.3840

 16.8203, 11.3857,
21.7400


 92.9155, 76.7851,
114.0283

 10.2010, 6.3269,
13.4695

 119.2917,
100.5769, 145.6029

 5.5957, 3.0448,
7.6181

150.2395,
128.8361, 182.5264

 2.6391, 1.1552,
3.7673

186.1242,
161.9473, 225.2174

 0.9659, 0.0246,
1.4986

227.3111,

 0.0000, 0.0000,

200.2948, 274.0943

0.2169

274.1657,
244.2631, 329.5758

■ 0.0000, 0.0000,
0.0000

■ 37.5626, 28.3712,
47.2125

■ 37.5626, 28.3712,
47.2125

■ 35.0834, 24.0024,
44.5674

■ 40.5309, 33.7016,
50.0693

■ 33.0614, 20.5328,
42.1223

■ 44.0123, 40.0431,
53.1454

■ 31.4650, 17.8991,
39.8664

■ 48.0327, 47.4466,
56.4501

■ 30.2574, 16.0278,
37.7872

■ 52.6151, 55.9582,
59.9913

■ 29.3955, 14.8327,
35.8699

■ 57.7814, 65.6216,
63.7766

■ 28.8104, 14.1762,
34.0912

■ 63.5523, 76.4778,
67.8135

■ 28.7291, 14.0915,
33.8243

■ 69.4652, 87.6019,
71.9479

■ 69.9140, 87.7815,
74.3115

■ 70.3732, 87.9651,
76.7295

Harmonies

Analogous

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



33.1073, 28.3712, 64.4118



37.5626, 28.3712, 47.2125



39.0681, 28.3712, 29.5684

Triad

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



37.5626, 28.3712, 47.2125



26.5000, 28.3712, 9.3392



18.9450, 28.3712, 50.3650

Complementary

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



37.5626, 28.3712, 47.2125



31.5651, 44.7454, 29.5290

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.



17.6632, 28.3712, 32.2533



37.5626, 28.3712, 47.2125



21.6353, 28.3712, 11.6485

Square

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



37.5626, 28.3712, 47.2125



32.1852, 28.3712, 10.9619



18.5770, 28.3712, 18.8457



22.3439, 28.3712, 66.6276

Rectangle

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



37.5626, 28.3712, 47.2125



38.0502, 28.3712, 20.6182



18.5770, 28.3712, 18.8457



18.2751, 28.3712, 44.1111

Sweetspot

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



37.5635, 28.3725, 47.2131



83.2276, 79.8078, 98.8476



26.3598, 22.4223, 54.5689



18.0140, 17.0865, 21.4730



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.



37.5635, 28.3725, 47.2131



63.5493, 44.2356, 80.6213



34.2381, 27.0423, 29.7020



10.4140, 10.2142, 12.2709



18.7012, 9.1702, 22.1366



0.8294, 0.4048, 1.0690

Inverse Universe

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



37.5635, 28.3725, 47.2131



63.5493, 44.2356, 80.6213



34.6364, 45.9739, 45.7025



10.4140, 10.2142, 12.2709



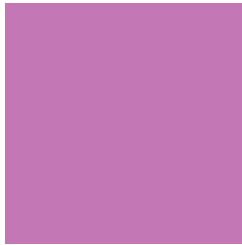
18.7012, 9.1702, 22.1366



0.8294, 0.4048, 1.0690

Previews

White Background



This preview shows how the XYZ color 37.5626, 28.3712, 47.2125 looks on a white background.

Color Contrast Check

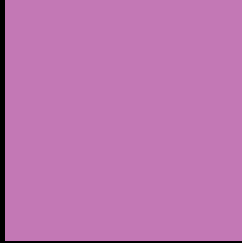
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5626, 28.3712, 47.2125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

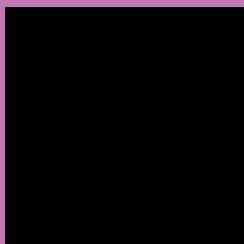
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.5626, 28.3712, 47.2125

Background



This preview shows how black text looks on a background with the XYZ color 37.5626, 28.3712, 47.2125.



This preview shows how white text looks on a background with the XYZ color 37.5626, 28.3712,

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

37.5626, 28.3712, 47.2125

Protanopia

29.3722, 28.7696, 57.4311

Deuteranopia

29.1104, 28.4496, 45.5520



Tritanopia

33.6729, 28.4826, 27.7677

Trichromacy



Original Color

37.5626, 28.3712, 47.2125

Protanomaly

31.5048, 28.0037, 53.6140

Deuteranomaly

31.6652, 28.0511, 45.8649

Tritanomaly

35.0318, 28.4613, 34.2190

Monochromacy



Original Color

37.5626, 28.3712, 47.2125

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.2474, 28.8572, 37.6413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5626, 28.3712, 47.2125 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, 120, 181)` looks like.

```
.text, #text, p{  
    color:rgb(195, 120, 181)  
}
```

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, 120, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 120, 181) }
```

Border

The CSS property to change the border of an element to XYZ 37.5626, 28.3712, 47.2125 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, 120, 181) }
```


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

```
.border{ border-color:rgb(195, 120, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 120, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 120, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 120, 181);  
box-shadow:4px 4px 4px 4px rgb(195, 120,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5626, 28.3712, 47.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 120, 181) }
```

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

```
.background{ background-color: rgb(195,  
120, 181) }
```

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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