

Converting Colors

XYZ(37.1320, 28.1553, 48.4617)

Have a look what the booklet for
XYZ(37.1320, 28.1553, 48.4617)
contains.

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Color

**XYZ(37.0019, 28.0583,
48.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	C078B7
RGB	192, 120, 183
RGB Percent	75%, 47%, 72%
CMY	0.2471, 0.5294, 0.2824
CMYK	0.00, 0.37, 0.05, 0.25
HSL	308°, 36%, 61%
HSV	308°, 37%, 75%
XYZ	37.0019, 28.0583, 48.2653
YIQ	148.7100, 22.6890, 34.8570

Conversions

Conversions Part 2

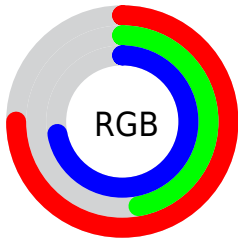
Format	Color
R_{YB}	192, 120, 183
Decimal	12613815
CIE _{Lab}	59.94, 37.76, -21.56
CIE _{LCh}	60, 43.478, 330.270
Yxy	28.0583, 0.3265, 0.2476
Android (android.graphics.Color)	4290803895 (0xFFC078B7)
YUV	148.7100, 16.9050, 37.9653
Hunter-Lab	52.9701, 31.9923, -16.9448

Details

The XYZ color **37.0019, 28.0583, 48.2653** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.5590, 43.2782, 27.5135**, and the grayscale version is **28.3707, 29.8482, 32.5047**.

A 20% lighter version of the original color is **69.7830, 56.6438, 88.9167**, and **16.4739, 11.1863, 22.4100** is the 20% darker color. If you saturate the color by 10%, you get **34.6727, 23.7958, 46.2670**, and if you desaturate by 10%, it is **39.8001, 33.2509, 50.4415**.

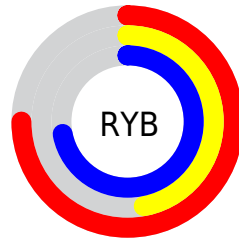
Distribution



Red (75%)

Green (47%)

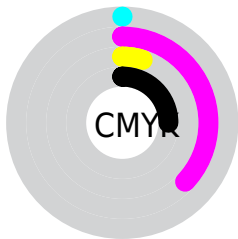
Blue (72%)



Red (75%)

Yellow (47%)

Blue (72%)

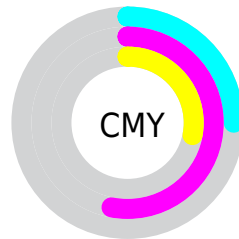


Cyan (0%)

Magenta (37%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0019, 28.0583, 48.2653 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 37.0019, 28.0583, 48.2653 by changing the saturation by 10% instead.

37.0019, 28.0583,
48.2653

37.0019, 28.0583,
48.2653

324.6741,
292.7454, 396.3818

25.3826, 18.3696,
33.6755

69.8895, 56.5775,
88.9689

16.4926, 11.2157,
22.3691

91.8886, 76.1768,
115.9199

9.9665, 6.2121,
13.9275

118.0783, 99.8485,
147.8283

5.4388, 2.9745,
7.9321

148.8240,
127.9768, 185.1128

2.5443, 1.1184,
3.9644

184.4911,
160.9463, 228.1919

0.9177, 0.0000,
1.6058

225.4449,

0.0000, 0.0000,

199.1413, 277.4840

0.2950

272.0508,
242.9462, 333.4078

■ 0.0000, 0.0000,
0.0000

■ 37.0019, 28.0583,
48.2653

■ 37.0019, 28.0583,
48.2653

■ 34.6727, 23.7958,
46.2670

■ 39.8001, 33.2509,
50.4415

■ 32.7820, 20.4041,
44.4356

■ 43.0901, 39.4209,
52.8025

■ 31.2998, 17.8227,
42.7611

■ 46.8966, 46.6169,
55.3568

■ 30.1914, 15.9819,
41.2319

■ 51.2417, 54.8831,
58.1120

■ 29.4158, 14.8003,
39.8343

■ 56.1461, 64.2611,
61.0752

■ 28.9145, 14.1604,
38.5486

■ 61.6297, 74.7905,
64.2528

■ 28.8062, 14.0337,
38.2358

■ 67.7112, 86.5086,
67.6514

■ 68.1831, 87.0004,
69.2019

■ 68.4700, 87.1152,
70.7125

Harmonies

Analogous

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



32.3920, 28.0583, 65.0945



37.0019, 28.0583, 48.2653



38.7692, 28.0583, 30.4075

Triad

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



37.0019, 28.0583, 48.2653



26.6185, 28.0583, 9.1040



18.5032, 28.0583, 48.6032

Complementary

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



37.0019, 28.0583, 48.2653



30.5590, 43.2782, 27.5135

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.



17.3909, 28.0583, 30.6944



37.0019, 28.0583, 48.2653



21.6625, 28.0583, 11.0834

Square

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



37.0019, 28.0583, 48.2653



32.2933, 28.0583, 11.0106



18.4640, 28.0583, 17.8069



21.7381, 28.0583, 65.3323

Rectangle

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



37.0019, 28.0583, 48.2653



37.9309, 28.0583, 21.1733



18.4640, 28.0583, 17.8069



17.8904, 28.0583, 42.3541

Sweetspot

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



37.0028, 28.0596, 48.2659



82.3249, 79.4490, 98.5585



25.1946, 21.8605, 52.7613



17.4576, 16.6590, 21.0078



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0028, 28.0596, 48.2659



63.5149, 44.3706, 84.4534



33.7694, 26.7662, 31.2391



10.4413, 10.2251, 12.4147



19.4031, 9.4510, 25.8324



0.8539, 0.4146, 1.1978

Inverse Universe

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



37.0028, 28.0596, 48.2659



63.5149, 44.3706, 84.4534



33.3334, 44.3880, 42.1236



10.4413, 10.2251, 12.4147



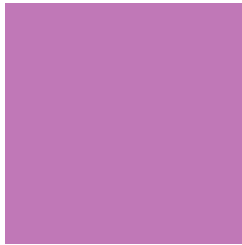
19.4031, 9.4510, 25.8324



0.8539, 0.4146, 1.1978

Previews

White Background



This preview shows how the XYZ color 37.0019, 28.0583, 48.2653 looks on a white background.

Color Contrast Check

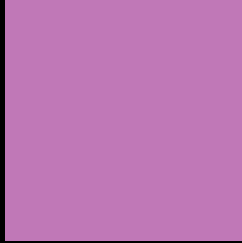
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0019, 28.0583, 48.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

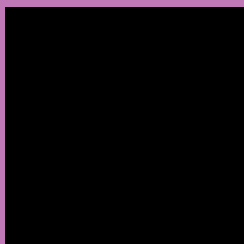
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0019, 28.0583, 48.2653

Background



This preview shows how black text looks on a background with the XYZ color 37.0019, 28.0583, 48.2653.



This preview shows how white text looks on a background with the XYZ color 37.0019, 28.0583,

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

37.0019, 28.0583, 48.2653

Protanopia

29.1499, 28.4042, 58.5898

Deuteranopia

28.7942, 28.2634, 46.5856



Tritanopia

32.7602, 28.0037, 28.1047

Trichromacy



Original Color

37.0019, 28.0583, 48.2653

Protanomaly

31.1641, 27.8023, 54.7628

Deuteranomaly

31.2605, 27.8191, 46.9020

Tritanomaly

34.1163, 27.9796, 34.6128

Monochromacy



Original Color

37.0019, 28.0583, 48.2653

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.0386, 28.7495, 37.6315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0019, 28.0583, 48.2653 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(192, 120, 183)` looks like.

```
.text, #text, p{  
    color:rgb(192, 120, 183)  
}
```

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(192, 120, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 120, 183) }
```

Border

The CSS property to change the border of an element to XYZ 37.0019, 28.0583, 48.2653 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(192, 120, 183) }
```


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

```
.border{ border-color:rgb(192, 120, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 120, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 120, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 120, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 120,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0019, 28.0583, 48.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 120, 183) }
```

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

```
.background{ background-color: rgb(192,  
120, 183) }
```

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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