

Converting Colors

XYZ(30.4799, 25.2619, 37.3347)

Have a look what the booklet for
XYZ(30.4799, 25.2619, 37.3347)
contains.

XYZ(30.4944, 25.2984, 37.4583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.4944, 25.2984,
37.4583)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7AA2
RGB	172, 122, 162
RGB Percent	67%, 48%, 64%
CMY	0.3255, 0.5216, 0.3647
CMYK	0.00, 0.29, 0.06, 0.33
HSL	312°, 23%, 58%
HSV	312°, 29%, 67%
XYZ	30.4944, 25.2984, 37.4583
YIQ	141.5100, 16.9600, 23.0400

Conversions

Conversions Part 2

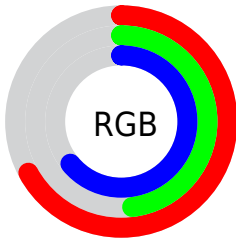
Format	Color
RYB	172, 122, 162
Decimal	11303586
CIELab	57.37, 26.06, -13.65
CIElCh	57, 29.421, 332.362
Yxy	25.2984, 0.3270, 0.2713
Android (android.graphics.Color)	4289493666 (0xFFAC7AA2)
YUV	141.5100, 10.1016, 26.7397
Hunter-Lab	50.2975, 20.2004, -8.9471

Details

The XYZ color **30.4944, 25.2984, 37.4583** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.9445, 35.3093, 27.2266**, and the grayscale version is **25.4753, 26.8020, 29.1874**.

A 20% lighter version of the original color is **59.8493, 52.1637, 72.5598**, and **12.7396, 9.6825, 15.9493** is the 20% darker color. If you saturate the color by 10%, you get **28.2650, 21.3220, 35.2271**, and if you desaturate by 10%, it is **33.1074, 30.0279, 39.8592**.

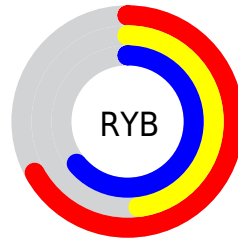
Distribution



Red (67%)

Green (48%)

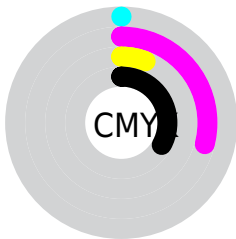
Blue (64%)



Red (67%)

Yellow (48%)

Blue (64%)

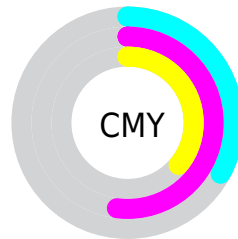


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4944, 25.2984, 37.4583 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 30.4944, 25.2984, 37.4583 by changing the saturation by 10% instead.

■ 30.4944, 25.2984,
37.4583

■ 30.4944, 25.2984,
37.4583

296.0709,
279.3207, 350.5187

■ 20.3641, 16.2995,
25.2640

■ 59.8244, 52.1409,
72.4713

■ 12.7698, 9.7363,
16.0530

■ 79.7549, 70.7533,
96.1270

■ 7.3461, 5.2245,
9.4069

■ 103.6828, 93.3390,
124.4403

■ 3.7277, 2.3796,
4.9071

131.9734,
120.2824, 157.8296

■ 1.5493, 0.8154,
2.1351

164.9922,
151.9679, 196.7136

■ 0.3590, 0.0000,
0.6365

203.1044,

■ 0.0000, 0.0000,

188.7798, 241.5108

0.0000

246.6755,
231.1027, 292.6396

■ 30.4944, 25.2984,
37.4583

■ 30.4944, 25.2984,
37.4583

■ 28.2650, 21.3220,
35.2271

■ 33.1074, 30.0279,
39.8592

■ 26.3973, 18.0560,
33.1572

■ 36.1202, 35.5438,
42.4346

■ 24.8703, 15.4583,
31.2415

■ 39.5505, 41.8812,
45.1912

■ 23.6602, 13.4813,
29.4717

■ 43.4146, 49.0724,
48.1346

■ 22.7398, 12.0709,
27.8385

■ 47.7276, 57.1477,
51.2702

■ 22.0775, 11.1637,
26.3309

■ 52.5041, 66.1360,
54.6031

■ 21.6124, 10.6382,
24.9283

■ 57.7580, 76.0650,
58.1384

■ 21.5719, 10.5941,
24.8004

■ 62.0157, 83.9876,
61.3850

■ 62.3950, 84.1394,
63.3826

Harmonies

Analogous

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



27.8196, 25.2984, 47.1795



30.4944, 25.2984, 37.4583



31.3936, 25.2984, 26.7610

Triad

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



30.4944, 25.2984, 37.4583



23.7698, 25.2984, 12.4586



18.8103, 25.2984, 39.1680

Complementary

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



30.4944, 25.2984, 37.4583



26.9445, 35.3093, 27.2266

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.



17.9438, 25.2984, 28.3455



30.4944, 25.2984, 37.4583



20.6289, 25.2984, 14.2911

Square

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



30.4944, 25.2984, 37.4583



27.2949, 25.2984, 13.7857



18.5764, 25.2984, 19.5570



21.0646, 25.2984, 48.3228

Rectangle

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



30.4944, 25.2984, 37.4583



30.8013, 25.2984, 20.8610



18.5764, 25.2984, 19.5570



18.3575, 25.2984, 35.5246

Sweetspot

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



30.4952, 25.2995, 37.4588



65.4721, 64.3805, 76.9367



23.9228, 21.8045, 41.9780



14.0510, 13.6650, 16.5723



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.4952, 25.2995, 37.4588



52.5923, 41.0141, 65.2657



28.4891, 24.4971, 26.8950



8.2674, 8.1202, 9.7188



16.0726, 7.8916, 18.5595



0.4644, 0.2264, 0.6070

Inverse Universe

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



30.4952, 25.2995, 37.4588



52.5923, 41.0141, 65.2657



28.8653, 36.0777, 37.3415



8.2674, 8.1202, 9.7188



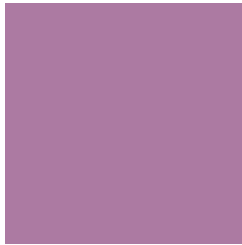
16.0726, 7.8916, 18.5595



0.4644, 0.2264, 0.6070

Previews

White Background



This preview shows how the XYZ color 30.4944, 25.2984, 37.4583 looks on a white background.

Color Contrast Check

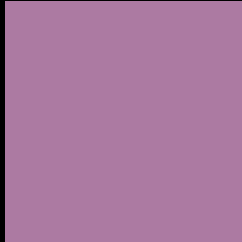
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4944, 25.2984, 37.4583 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 30.4944, 25.2984, 37.4583

Background



This preview shows how black text looks on a background with the XYZ color 30.4944, 25.2984, 37.4583.



This preview shows how white text looks on a background with the XYZ color 30.4944, 25.2984,

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

30.4944, 25.2984, 37.4583

Protanopia

25.5980, 25.6157, 42.6249

Deuteranopia

25.9936, 25.5287, 36.8152



Tritanopia

28.3955, 25.3913, 26.6970

Trichromacy



Original Color

30.4944, 25.2984, 37.4583

Protanomaly

26.9962, 25.3494, 40.5159

Deuteranomaly

27.3645, 25.2139, 37.1427

Tritanomaly

29.0220, 25.2576, 30.1336

Monochromacy



Original Color

30.4944, 25.2984, 37.4583

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2257, 26.2702, 32.0695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4944, 25.2984, 37.4583 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(172, 122, 162)` looks like.

```
.text, #text, p{  
    color:rgb(172, 122, 162)  
}
```

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(172, 122, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 122, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.4944, 25.2984, 37.4583 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(172, 122, 162) }
```


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

```
.border{ border-color:rgb(172, 122, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 122, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 122, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 122, 162);  
box-shadow:4px 4px 4px 4px rgb(172, 122,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4944, 25.2984, 37.4583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 122, 162) }
```

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

```
.background{ background-color: rgb(172,  
122, 162) }
```

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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