

Converting Colors

XYZ(44.3835, 37.1131, 47.5056)

Have a look what the booklet for
XYZ(44.3835, 37.1131, 47.5056)
contains.

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Color

**XYZ(44.4280, 37.2223,
47.4908)**

Conversions

Conversions Part 1

Format	Color
Hex	D092B3
RGB	208, 146, 179
RGB Percent	82%, 57%, 70%
CMY	0.1843, 0.4274, 0.2980
CMYK	0.00, 0.30, 0.14, 0.18
HSL	328°, 40%, 69%
HSV	328°, 30%, 82%
XYZ	44.4280, 37.2223, 47.4908
YIQ	168.3000, 26.3590, 23.4070

Conversions

Conversions Part 2

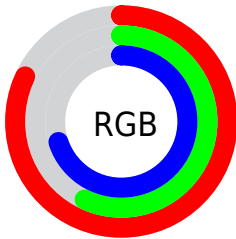
Format	Color
R _Y B	208, 146, 179
Decimal	13669043
CIE Lab	67.44, 28.37, -7.81
CIE LCh	67, 29.424, 344.614
Yxy	37.2223, 0.3440, 0.2882
Android (android.graphics.Color)	4291859123 (0xFFD092B3)
YUV	168.3000, 5.2751, 34.8169
Hunter-Lab	61.0101, 23.2174, -3.4448

Details

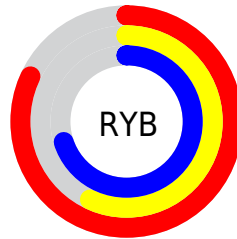
The XYZ color **44.4280, 37.2223, 47.4908** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.1494, 54.3190, 48.8231**, and the grayscale version is **37.3335, 39.2778, 42.7735**.

A 20% lighter version of the original color is **77.1220, 69.0314, 87.8569**, and **20.9950, 16.4631, 21.8098** is the 20% darker color. If you saturate the color by 10%, you get **40.5592, 31.0039, 41.5164**, and if you desaturate by 10%, it is **48.9518, 44.6385, 54.0270**.

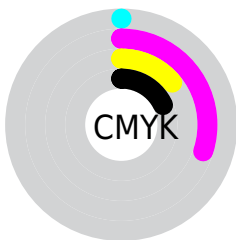
Distribution



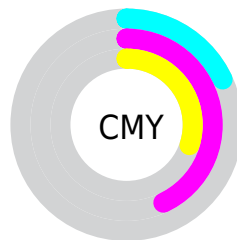
- Red (82%)
- Green (57%)
- Blue (70%)



- Red (82%)
- Yellow (57%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (18%)



- Cyan (18%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4280, 37.2223, 47.4908 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 44.4280, 37.2223, 47.4908 by changing the saturation by 10% instead.

■ 44.4280, 37.2223,
47.4908

■ 44.4280, 37.2223,
47.4908

355.2748,
334.2720, 393.2205

■ 31.2065, 25.3797,
33.0667

■ 81.1038, 70.9146,
87.8034

■ 20.9087, 16.3601,
21.9060

■ 105.2887, 93.5329,
114.5290

■ 13.1694, 9.7794,
13.5902

133.8588,
120.5120, 146.1922

■ 7.6231, 5.2529,
7.7007

167.1795,
152.2363, 183.2114

■ 3.9045, 2.3964,
3.8190

205.6161,
189.0899, 226.0054

■ 1.6482, 0.8240,
1.5266

249.5339,

■ 0.4235, 0.0000,

231.4575, 274.9925

0.2376

299.2984,
279.7234, 330.5914

■ 0.0000, 0.0000,
0.0000

■ 44.4280, 37.2223,
47.4908

■ 44.4280, 37.2223,
47.4908

■ 40.5592, 31.0039,
41.5164

■ 48.9518, 44.6385,
54.0270

■ 37.3089, 25.9144,
36.0834

■ 54.1579, 53.3064,
61.1396

■ 34.6423, 21.8854,
31.1732

■ 60.0760, 63.2830,
68.8456

■ 32.5191, 18.8393,
26.7651

■ 66.7332, 74.6200,
77.1605

■ 30.8938, 16.6875,
22.8360

■ 74.1549, 87.3665,
86.0989

■ 29.7127, 15.3251,
19.3601

■ 77.1142, 91.0666,
93.9248

■ 28.8804, 14.5641,
16.2970

■ 78.5780, 91.6522,
101.6329

■ 28.8656, 14.5512,
16.2408

■ 79.8227, 92.1500,
108.1874

Harmonies

Analogous

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



41.8340, 37.2223, 60.9325



44.4280, 37.2223, 47.4908



44.4632, 37.2223, 34.5727

Triad

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



44.4280, 37.2223, 47.4908



33.2328, 37.2223, 20.9143



29.5508, 37.2223, 60.6224

Complementary

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



44.4280, 37.2223, 47.4908



42.1494, 54.3190, 48.8231

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.



27.6243, 37.2223, 47.1323



44.4280, 37.2223, 47.4908



29.6241, 37.2223, 25.2793

Square

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



44.4280, 37.2223, 47.4908



37.7327, 37.2223, 20.9701



27.6500, 37.2223, 34.2827



33.1246, 37.2223, 69.5431

Rectangle

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



44.4280, 37.2223, 47.4908



43.0165, 37.2223, 27.9806



27.6500, 37.2223, 34.2827



28.7031, 37.2223, 56.3590

Sweetspot

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



44.4291, 37.2240, 47.4916



86.4800, 85.5491, 97.7534



39.3298, 34.2200, 64.2073



18.2328, 17.8460, 20.5534



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.



44.4291, 37.2240, 47.4916



66.2638, 52.2819, 68.9250



41.6433, 36.1097, 32.8216



12.0679, 11.9119, 13.6335



18.0398, 9.0887, 10.3815



1.0486, 0.5241, 0.7906

Inverse Universe

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



44.4291, 37.2240, 47.4916



66.2638, 52.2819, 68.9250



45.5436, 55.6767, 66.6970



12.0679, 11.9119, 13.6335



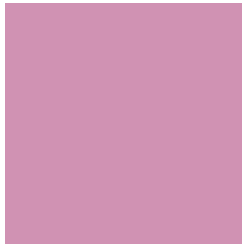
18.0398, 9.0887, 10.3815



1.0486, 0.5241, 0.7906

Previews

White Background



This preview shows how the XYZ color 44.4280, 37.2223, 47.4908 looks on a white background.

Color Contrast Check

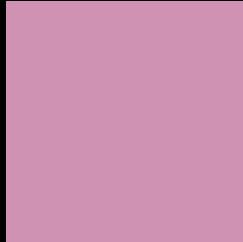
Large Text (above 18pt) WCAG AA × Fail

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 44.4280, 37.2223, 47.4908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

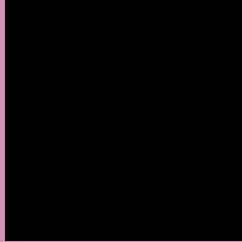
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4280, 37.2223, 47.4908

Background



This preview shows how black text looks on a background with the XYZ color 44.4280, 37.2223, 47.4908.



This preview shows how white text looks on a background with the XYZ color 44.4280, 37.2223,

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

44.4280, 37.2223, 47.4908

Protanopia

36.8887, 37.3857, 53.9871

Deuteranopia

38.0865, 37.3902, 46.2839



Tritanopia

42.6341, 37.1899, 38.6495

Trichromacy



Original Color

44.4280, 37.2223, 47.4908

Protanomaly

39.0514, 37.0062, 51.5391

Deuteranomaly

40.1507, 37.1818, 46.6556

Tritanomaly

43.3899, 37.2724, 41.9532

Monochromacy



Original Color

44.4280, 37.2223, 47.4908

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.5456, 38.1874, 44.3164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4280, 37.2223, 47.4908 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(208, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(208, 146, 179)  
}
```

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(208, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 146, 179) }
```

Border

The CSS property to change the border of an element to XYZ 44.4280, 37.2223, 47.4908 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(208, 146, 179) }
```


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

```
.border{ border-color:rgb(208, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(208, 146,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4280, 37.2223, 47.4908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 146, 179) }
```

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

```
.background{ background-color: rgb(208,  
146, 179) }
```

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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