

Converting Colors

XYZ(52.3992, 46.7307, 67.2310)

Have a look what the booklet for
XYZ(52.3992, 46.7307, 67.2310)
contains.

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Color

**XYZ(52.3992, 46.7307,
67.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A9D2
RGB	210, 169, 210
RGB Percent	82%, 66%, 82%
CMY	0.1765, 0.3372, 0.1765
CMYK	0.00, 0.20, 0.00, 0.18
HSL	300°, 31%, 74%
HSV	300°, 20%, 82%
XYZ	52.3992, 46.7307, 67.2310
YIQ	185.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

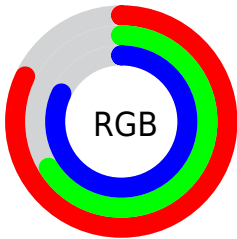
Format	Color
R_{YB}	210, 169, 210
Decimal	13806034
CIE _{Lab}	74.02, 21.98, -15.11
CIE _{LCh}	74, 26.668, 325.499
Yxy	46.7307, 0.3150, 0.2809
Android (android.graphics.Color)	4291996114 (0xFFD2A9D2)
YUV	185.9330, 11.8650, 21.1068
Hunter-Lab	68.3599, 17.1941, -10.4590

Details

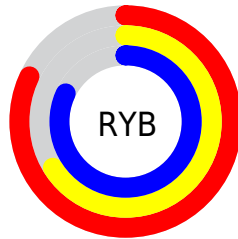
The XYZ color **52.3992, 46.7307, 67.2310** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.5721, 57.3942, 46.1622**, and the grayscale version is **46.5671, 48.9922, 53.3525**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **25.7953, 22.0577, 33.9083** is the 20% darker color. If you saturate the color by 10%, you get **48.8024, 39.5363, 66.0325**, and if you desaturate by 10%, it is **56.6263, 55.1841, 68.6407**.

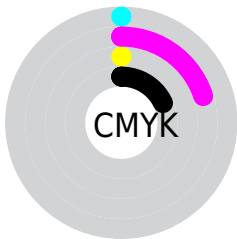
Distribution



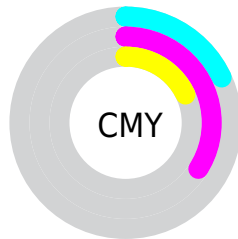
- Red (82%)
- Green (66%)
- Blue (82%)



- Red (82%)
- Yellow (66%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3992, 46.7307, 67.2310 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 52.3992, 46.7307, 67.2310 by changing the saturation by 10% instead.


 52.3992, 46.7307,
67.2310


 52.3992, 46.7307,
67.2310


386.2745,
373.7386, 469.2904

 37.5489, 32.8228,
48.8096


 92.8905, 85.3115,
116.8951

 25.8084, 21.9907,
34.1039


 119.2621,
110.7532, 148.9750

 16.8123, 13.8501,
22.6954

150.2050,
140.8083, 186.4447

 10.1952, 8.0165,
14.1656

186.0844,
175.8612, 229.7228

 5.5918, 4.1055,
8.0959

227.2657,
216.2963, 279.2279

 2.6368, 1.7327,
4.0677

274.1143,

 0.9647, 0.4447,

262.4979, 335.3785

1.6626

326.9954,
314.8506, 398.5932

■ 0.0000, 0.0000,
0.3349

■ 0.0000, 0.0000,
0.0000

■ 52.3992, 46.7307,
67.2310

■ 52.3992, 46.7307,
67.2310

■ 48.8024, 39.5363,
66.0325

■ 56.6263, 55.1841,
68.6407

■ 45.8017, 33.5349,
65.0321

■ 61.5073, 64.9461,
70.2679

■ 43.3662, 28.6640,
64.2201

■ 67.0699, 76.0712,
72.1222

■ 41.4605, 24.8527,
63.5847

■ 73.3388, 88.6090,
74.2120

40.0453, 22.0222,
63.1129

73.9719, 89.8751,
74.4231

39.0756, 20.0830,
62.7895

73.9719, 89.8751,
74.4233

38.4986, 18.9289,
62.5970

73.9720, 89.8751,
74.4234

38.2225, 18.3768,
62.5049

73.9720, 89.8752,
74.4236

38.2116, 18.3550,
62.5012

73.9720, 89.8752,
74.4237

Harmonies

Analogous

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



48.4765, 46.7307, 78.4169



52.3992, 46.7307, 67.2310



54.1860, 46.7307, 52.9679

Triad

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



52.3992, 46.7307, 67.2310



45.1387, 46.7307, 28.9573



36.6521, 46.7307, 63.0290

Complementary

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



52.3992, 46.7307, 67.2310



46.5721, 57.3942, 46.1622

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.



35.8974, 46.7307, 48.8511



52.3992, 46.7307, 67.2310



40.5890, 46.7307, 30.6898

Square

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



52.3992, 46.7307, 67.2310



49.8081, 46.7307, 32.1827



37.2881, 46.7307, 37.4244



39.4280, 46.7307, 75.7026

Rectangle

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



52.3992, 46.7307, 67.2310



53.8388, 46.7307, 44.1898



37.2881, 46.7307, 37.4244



36.1625, 46.7307, 58.2174

Sweetspot

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



52.4006, 46.7327, 67.2320



90.3618, 90.6237, 107.3371



42.1851, 41.4664, 66.7542



19.2368, 19.1886, 22.9398



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.



52.4006, 46.7327, 67.2320



79.1089, 68.1179, 103.5858



50.0076, 45.7755, 54.6308



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1242



1.3032, 0.6260, 2.1317

Inverse Universe

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



52.4006, 46.7327, 67.2320



79.1089, 68.1179, 103.5858



48.6502, 58.2255, 57.1054



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1242



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 52.3992, 46.7307, 67.2310 looks on a white background.

Color Contrast Check

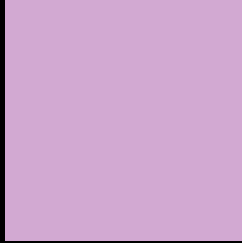
Large Text (above 18pt) WCAG AA × Fail

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 52.3992, 46.7307, 67.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

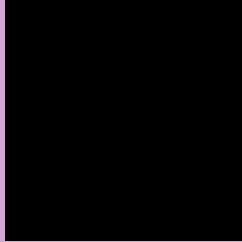
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3992, 46.7307, 67.2310

Background



This preview shows how black text looks on a background with the XYZ color 52.3992, 46.7307, 67.2310.



This preview shows how white text looks on a background with the XYZ color 52.3992, 46.7307,

67.2310.

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

52.3992, 46.7307, 67.2310

Protanopia

46.6343, 47.1084, 72.9646

Deuteranopia

47.7991, 46.9597, 66.2193



Tritanopia

49.6453, 46.7404, 53.4189

Trichromacy



Original Color

52.3992, 46.7307, 67.2310

Protanomaly

48.4814, 46.9154, 70.7903

Deuteranomaly

49.3443, 46.8655, 66.7668

Tritanomaly

50.6153, 46.8551, 58.0060

Monochromacy



Original Color

52.3992, 46.7307, 67.2310

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.6773, 48.1847, 58.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3992, 46.7307, 67.2310 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(210, 169, 210) looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 210)  
}
```

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(210, 169, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 210) }
```

Border

The CSS property to change the border of an element to XYZ 52.3992, 46.7307, 67.2310 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(210, 169, 210) }
```


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

```
.border{ border-color:rgb(210, 169, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3992, 46.7307, 67.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 210) }
```

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

```
.background{ background-color: rgb(210,  
169, 210) }
```

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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