

Converting Colors

XYZ(47.6736, 40.0102, 63.0144)

Have a look what the booklet for
XYZ(47.6736, 40.0102, 63.0144)
contains.

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Color

**XYZ(47.7013, 39.9861,
62.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	CE98CD
RGB	206, 152, 205
RGB Percent	81%, 60%, 80%
CMY	0.1922, 0.4039, 0.1961
CMYK	0.00, 0.26, 0.00, 0.19
HSL	301°, 36%, 70%
HSV	301°, 26%, 81%
XYZ	47.7013, 39.9861, 62.9616
YIQ	174.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

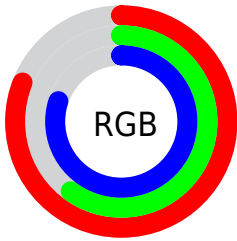
Format	Color
R _Y B	206, 152, 205
Decimal	13539533
CIE Lab	69.46, 28.98, -19.28
CIE LCh	69, 34.810, 326.370
Yxy	39.9861, 0.3166, 0.2654
Android (android.graphics.Color)	4291729613 (0xFFCE98CD)
YUV	174.1880, 15.1903, 27.8991
Hunter-Lab	63.2346, 23.9919, -14.7699

Details

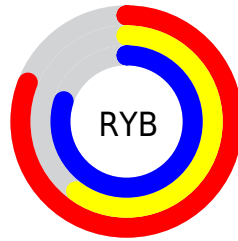
The XYZ color **47.7013, 39.9861, 62.9616** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.7716, 53.1192, 38.2434**, and the grayscale version is **40.2487, 42.3448, 46.1135**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **22.9056, 17.9280, 31.5314** is the 20% darker color. If you saturate the color by 10%, you get **44.5983, 33.8529, 61.7007**, and if you desaturate by 10%, it is **51.3876, 47.2841, 64.4184**.

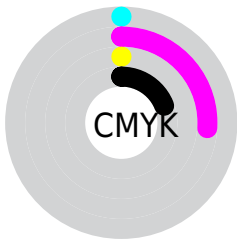
Distribution



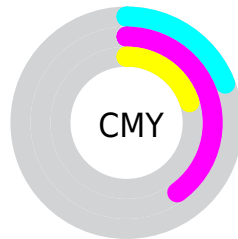
- Red (81%)
- Green (60%)
- Blue (80%)



- Red (81%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7013, 39.9861, 62.9616 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 47.7013, 39.9861, 62.9616 by changing the saturation by 10% instead.


 47.7013, 39.9861,
62.9616


 47.7013, 39.9861,
62.9616


368.2093,
346.0650, 453.5342

 33.8007, 27.5277,
45.3693


 85.9719, 75.1423,
110.6992

 22.9027, 17.9699,
31.4034


 111.0726, 98.6090,
141.6815

 14.6420, 10.9284,
20.6452


140.6373,
126.5138, 177.9644

 8.6532, 6.0187,
12.6762

175.0314,
159.2413, 219.9662

 4.5709, 2.8565,
7.0778

214.6204,
197.1757, 268.1055

 2.0299, 1.0573,
3.4316

259.7694,

 0.6507, 0.0000,

240.7016, 322.8010

1.3190

310.8439,
290.2032, 384.4710

■ 0.0000, 0.0000,
0.0773

■ 0.0000, 0.0000,
0.0000

■ 47.7013, 39.9861,
62.9616

■ 47.7013, 39.9861,
62.9616

■ 44.5983, 33.8529,
61.7007

■ 51.3876, 47.2841,
64.4184

■ 42.0447, 28.8193,
60.6230

■ 55.6812, 55.7974,
66.0777

■ 40.0092, 24.8216,
59.7186

■ 60.6096, 65.5799,
67.9492

■ 38.4556, 21.7874,
58.9753

■ 66.1971, 76.6806,
70.0410

37.3430, 19.6352,
58.3797

72.4653, 89.1426,
72.3602

36.6240, 18.2698,
57.9157

72.5120, 89.1612,
72.6061

36.2384, 17.5713,
57.5635

72.5589, 89.1800,
72.8526

36.1365, 17.3950,
57.4449

72.6058, 89.1987,
73.0998

72.6528, 89.2175,
73.3475

Harmonies

Analogous

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



42.9950, 39.9861, 77.4498



47.7013, 39.9861, 62.9616



49.8046, 39.9861, 45.5212

Triad

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



47.7013, 39.9861, 62.9616



38.6919, 39.9861, 19.4325



29.1464, 39.9861, 58.7325

Complementary

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



47.7013, 39.9861, 62.9616



40.7716, 53.1192, 38.2434

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.



28.2348, 39.9861, 41.6134



47.7013, 39.9861, 62.9616



33.4179, 39.9861, 21.3303

Square

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



47.7013, 39.9861, 62.9616



44.2907, 39.9861, 22.5676



29.7217, 39.9861, 28.5867



32.3451, 39.9861, 74.6167

Rectangle

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



47.7013, 39.9861, 62.9616



49.3091, 39.9861, 35.4074



29.7217, 39.9861, 28.5867



28.5767, 39.9861, 52.8269

Sweetspot

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



47.7025, 39.9879, 62.9625



88.8231, 87.6435, 106.5245



35.4886, 33.6774, 63.0233



18.7773, 18.2942, 22.7104



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.



47.7025, 39.9879, 62.9625



74.5706, 59.4171, 100.9148



44.7292, 38.7985, 47.3052



11.6782, 11.4000, 14.1062



22.2557, 10.7129, 35.3946



1.1511, 0.5538, 1.8414

Inverse Universe

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



47.7025, 39.9879, 62.9625



74.5706, 59.4171, 100.9148



43.2498, 54.1104, 51.2931



11.6782, 11.4000, 14.1062



22.2557, 10.7129, 35.3946



1.1511, 0.5538, 1.8414

Previews

White Background



This preview shows how the XYZ color 47.7013, 39.9861, 62.9616 looks on a white background.

Color Contrast Check

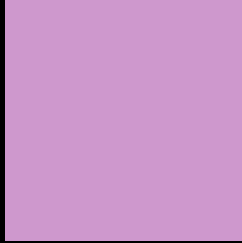
Large Text (above 18pt) WCAG AA × Fail

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 47.7013, 39.9861, 62.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

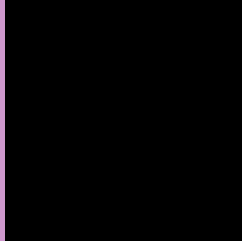
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7013, 39.9861, 62.9616

Background



This preview shows how black text looks on a background with the XYZ color 47.7013, 39.9861, 62.9616.



This preview shows how white text looks on a background with the XYZ color 47.7013, 39.9861,

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

47.7013, 39.9861, 62.9616

Protanopia

40.4979, 40.2322, 70.5969

Deuteranopia

41.0915, 40.1946, 61.4697



Tritanopia

43.6649, 39.8115, 43.9111

Trichromacy



Original Color

47.7013, 39.9861, 62.9616

Protanomaly

42.4832, 39.7081, 67.7127

Deuteranomaly

43.2915, 39.9919, 61.9374

Tritanomaly

45.0643, 39.8923, 50.1246

Monochromacy



Original Color

47.7013, 39.9861, 62.9616

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.6429, 41.2143, 51.6066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7013, 39.9861, 62.9616 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(206, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(206, 152, 205)  
}
```

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(206, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 152, 205) }
```

Border

The CSS property to change the border of an element to XYZ 47.7013, 39.9861, 62.9616 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(206, 152, 205) }
```


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

```
.border{ border-color:rgb(206, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 152,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7013, 39.9861, 62.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 152, 205) }
```

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

```
.background{ background-color: rgb(206,  
152, 205) }
```

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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