

Converting Colors

XYZ(42.6674, 39.6862, 42.1782)

Have a look what the booklet for
XYZ(42.6674, 39.6862, 42.1782)
contains.

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Color

**XYZ(42.6619, 39.5921,
41.9527)**

Conversions

Conversions Part 1

Format	Color
Hex	C69FA7
RGB	198, 159, 167
RGB Percent	78%, 62%, 65%
CMY	0.2235, 0.3765, 0.3451
CMYK	0.00, 0.20, 0.16, 0.22
HSL	348°, 25%, 70%
HSV	348°, 20%, 78%
XYZ	42.6619, 39.5921, 41.9527
YIQ	171.5730, 20.6760, 10.7560

Conversions

Conversions Part 2

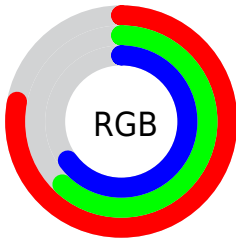
Format	Color
RYB	198, 159, 167
Decimal	13016999
CIELab	69.18, 15.68, 1.33
CIELCh	69, 15.737, 4.830
Yxy	39.5921, 0.3435, 0.3188
Android (android.graphics.Color)	4291207079 (0xFFC69FA7)
YUV	171.5730, -2.2545, 23.1765
Hunter-Lab	62.9223, 10.9108, 4.5146

Details

The XYZ color **42.6619, 39.5921, 41.9527** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7880, 51.4778, 56.3461**, and the grayscale version is **39.0017, 41.0328, 44.6847**.

A 20% lighter version of the original color is **78.4714, 74.6271, 79.3758**, and **19.8538, 17.6825, 18.5863** is the 20% darker color. If you saturate the color by 10%, you get **38.1583, 32.7733, 33.7041**, and if you desaturate by 10%, it is **47.8902, 47.5761, 51.3176**.

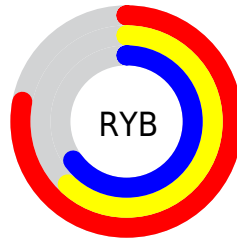
Distribution



Red (78%)

Green (62%)

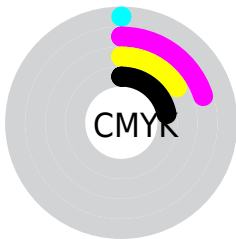
Blue (65%)



Red (78%)

Yellow (62%)

Blue (65%)

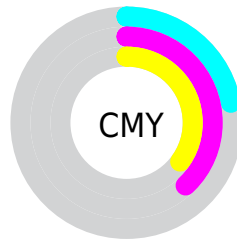


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6619, 39.5921, 41.9527 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 42.6619, 39.5921, 41.9527 by changing the saturation by 10% instead.


 42.6619, 39.5921,
41.9527

 42.6619, 39.5921,
41.9527


348.1646,
344.4013, 370.0807

 29.8133, 27.2207,
28.7390


 78.4593, 74.5420,
79.3974

 19.8443, 17.7390,
18.6396


 102.1388, 97.8892,
104.4653

 12.3895, 10.7628,
11.2360

130.1593,
125.6638, 134.3218

 7.0836, 5.9075,
6.1096

162.8862,
158.2502, 169.3854

 3.5612, 2.7889,
2.8420

200.6849,
196.0327, 210.0745

 1.4570, 1.0226,
1.0145

243.9206,

 0.2963, 0.0000,

239.3958, 256.8077

0.0000

292.9587,
288.7239, 310.0036

■ 0.0000, 0.0000,
0.0000

■ 42.6619, 39.5921,
41.9527

■ 42.6619, 39.5921,
41.9527

■ 38.1583, 32.7733,
33.7041

■ 47.8902, 47.5761,
51.3176

■ 34.3439, 27.0601,
26.5274

■ 53.8702, 56.7707,
61.8361

■ 31.1851, 22.3953,
20.3788

■ 60.6313, 67.2254,
73.5467

■ 28.6440, 18.7149,
15.2102

■ 68.2007, 78.9855,
86.4855

■ 26.6789, 15.9476,
10.9701

■ 75.6376, 90.1613,
100.3649

■ 25.2427, 14.0125,
7.6015

■ 77.0989, 90.7459,
108.0599

■ 24.2803, 12.8142,
5.0412

■ 23.6971, 12.1796,
3.2071

■ 23.6822, 12.1632,
3.1610

Harmonies

Analogous

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



42.1828, 39.5921, 49.2760



42.6619, 39.5921, 41.9527



41.7447, 39.5921, 35.6683

Triad

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



42.6619, 39.5921, 41.9527



34.9344, 39.5921, 32.7044



35.6103, 39.5921, 56.9078

Complementary

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



42.6619, 39.5921, 41.9527



43.7880, 51.4778, 56.3461

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.



33.7970, 39.5921, 51.5187



42.6619, 39.5921, 41.9527



33.4192, 39.5921, 37.4794

Square

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



42.6619, 39.5921, 41.9527



37.2251, 39.5921, 30.7216



33.0122, 39.5921, 44.2865



38.0400, 39.5921, 58.4457

Rectangle

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



42.6619, 39.5921, 41.9527



40.4878, 39.5921, 32.7437



33.0122, 39.5921, 44.2865



34.9120, 39.5921, 55.4592

Sweetspot

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



42.6630, 39.5939, 41.9535



88.4649, 89.8649, 97.3483



43.7155, 39.7647, 58.7978



18.7882, 19.0092, 20.5774



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.



42.6630, 39.5939, 41.9535



71.6704, 64.2278, 67.2349



43.9321, 43.2788, 38.8413



10.7213, 10.6719, 11.5159



15.4263, 7.9201, 2.1888



0.7572, 0.3857, 0.2448

Inverse Universe

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



42.6630, 39.5939, 41.9535



71.6704, 64.2278, 67.2349



42.2523, 46.9689, 60.2654



10.7213, 10.6719, 11.5159



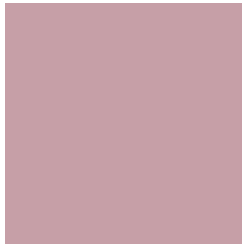
15.4263, 7.9201, 2.1888



0.7572, 0.3857, 0.2448

Previews

White Background



This preview shows how the XYZ color 42.6619, 39.5921, 41.9527 looks on a white background.

Color Contrast Check

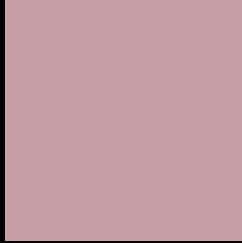
Large Text (above 18pt) WCAG AA × Fail

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 42.6619, 39.5921, 41.9527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

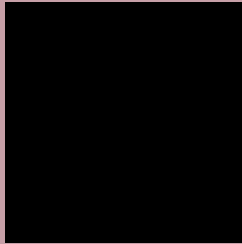
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6619, 39.5921, 41.9527

Background



This preview shows how black text looks on a background with the XYZ color 42.6619, 39.5921, 41.9527.



This preview shows how white text looks on a background with the XYZ color 42.6619, 39.5921,

41.9527.

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

42.6619, 39.5921, 41.9527

Protanopia

38.2436, 39.6417, 44.6657

Deuteranopia

40.4081, 39.7432, 41.6179



Tritanopia

42.8662, 39.3998, 43.8737

Trichromacy



Original Color

42.6619, 39.5921, 41.9527

Protanomaly

39.7669, 39.6363, 43.5848

Deuteranomaly

41.0385, 39.5410, 41.5456

Tritanomaly

42.7713, 39.3618, 43.3735

Monochromacy



Original Color

42.6619, 39.5921, 41.9527

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1305, 40.3635, 43.7060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6619, 39.5921, 41.9527 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(198, 159, 167)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 167)  
}
```

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(198, 159, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.6619, 39.5921, 41.9527 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(198, 159, 167) }
```


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

```
.border{ border-color:rgb(198, 159, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 167);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6619, 39.5921, 41.9527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 167) }
```

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

```
.background{ background-color: rgb(198,  
159, 167) }
```

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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