

Converting Colors

XYZ(41.0261, 34.7327, 38.7318)

Have a look what the booklet for
XYZ(41.0261, 34.7327, 38.7318)
contains.

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Color

**XYZ(41.0964, 34.7920,
38.7319)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8EA2
RGB	204, 142, 162
RGB Percent	80%, 56%, 64%
CMY	0.2000, 0.4431, 0.3647
CMYK	0.00, 0.30, 0.21, 0.20
HSL	341°, 38%, 68%
HSV	341°, 30%, 80%
XYZ	41.0964, 34.7920, 38.7319
YIQ	162.8180, 30.5320, 19.3640

Conversions

Conversions Part 2

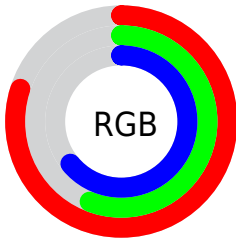
Format	Color
RYB	204, 142, 162
Decimal	13405858
CIELab	65.59, 26.42, -1.04
CIELCh	66, 26.442, 357.738
Yxy	34.7920, 0.3585, 0.3035
Android (android.graphics.Color)	4291595938 (0xFFCC8EA2)
YUV	162.8180, -0.4033, 36.1166
Hunter-Lab	58.9847, 21.1429, 2.3570

Details

The XYZ color **41.0964, 34.7920, 38.7319** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4014, 52.3980, 53.2817**, and the grayscale version is **34.7195, 36.5276, 39.7786**.

A 20% lighter version of the original color is **73.5043, 65.7496, 74.4625**, and **18.9500, 14.9975, 16.6479** is the 20% darker color. If you saturate the color by 10%, you get **37.1727, 28.8035, 31.6924**, and if you desaturate by 10%, it is **45.7126, 41.9486, 46.6692**.

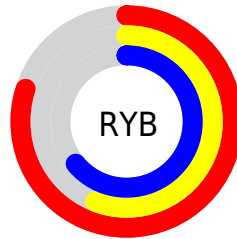
Distribution



Red (80%)

Green (56%)

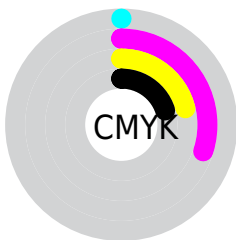
Blue (64%)



Red (80%)

Yellow (56%)

Blue (64%)

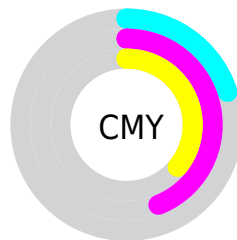


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (20%)



Cyan (20%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0964, 34.7920, 38.7319 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 41.0964, 34.7920, 38.7319 by changing the saturation by 10% instead.


 41.0964, 34.7920,
38.7319


 41.0964, 34.7920,
38.7319

341.7791,
323.6493, 356.1412


 28.5824, 23.5027,
26.2450


 76.1040, 67.1634,
74.4444

 18.9078, 14.9651,
16.7796


 99.3283, 89.0143,
98.5071

 11.7073, 8.7949,
9.9172


 126.8535,
115.1545, 127.2654

 6.6155, 4.6077,
5.2392

159.0448,
145.9685, 161.1380

 3.2670, 2.0190,
2.3271

196.2677,
181.8405, 200.5433

 1.2965, 0.6184,
0.7463

238.8874,

 0.1806, 0.0000,

223.1551, 245.8999

0.0000

287.2694,
270.2965, 297.6264

■ 0.0000, 0.0000,
0.0000

■ 41.0964, 34.7920,
38.7319

■ 41.0964, 34.7920,
38.7319

■ 37.1727, 28.8035,
31.6924

■ 45.7126, 41.9486,
46.6692

■ 33.9038, 23.9160,
25.5156

■ 51.0504, 50.3261,
55.5332

■ 31.2530, 20.0626,
20.1669

■ 57.1410, 59.9801,
65.3545

■ 29.1782, 17.1674,
15.6085

■ 64.0127, 70.9612,
76.1612

■ 27.6322, 15.1439,
11.7993

■ 71.6925, 83.3173,
87.9803

■ 26.5594, 13.8896,
8.6934

■ 77.1316, 90.9453,
99.8131

■ 25.8794, 13.2284,
6.3124

■ 78.7120, 91.5774,
108.1354

Harmonies

Analogous

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



39.7862, 34.7920, 50.4685



41.0964, 34.7920, 38.7319



40.1201, 34.7920, 28.7840

Triad

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



41.0964, 34.7920, 38.7319



29.7170, 34.7920, 21.9458



29.2447, 34.7920, 58.9715

Complementary

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



41.0964, 34.7920, 38.7319



41.4014, 52.3980, 53.2817

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.



26.8962, 34.7920, 48.7211



41.0964, 34.7920, 38.7319



27.1535, 34.7920, 27.5851

Square

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



41.0964, 34.7920, 38.7319



33.3640, 34.7920, 20.2945



26.1611, 34.7920, 37.0458



32.7753, 34.7920, 63.4898

Rectangle

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



41.0964, 34.7920, 38.7319



38.3433, 34.7920, 24.1696



26.1611, 34.7920, 37.0458



28.3016, 34.7920, 55.9946

Sweetspot

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



41.0974, 34.7936, 38.7326



85.7576, 85.2601, 93.9490



40.1812, 33.8156, 61.5363



18.0552, 17.7750, 19.6184



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.



41.0974, 34.7936, 38.7326



63.9771, 51.3672, 56.8833



41.0679, 37.3568, 30.6393



11.3590, 11.2723, 12.4250



16.3268, 8.3413, 4.1735



0.8770, 0.4442, 0.3983

Inverse Universe

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



41.0974, 34.7936, 38.7326



63.9771, 51.3672, 56.8833



41.2733, 48.5468, 64.3221



11.3590, 11.2723, 12.4250



16.3268, 8.3413, 4.1735



0.8770, 0.4442, 0.3983

Previews

White Background



This preview shows how the XYZ color 41.0964, 34.7920, 38.7319 looks on a white background.

Color Contrast Check

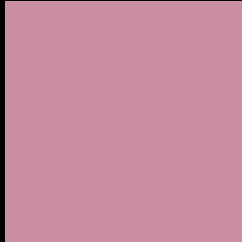
Large Text (above 18pt) WCAG AA × Fail

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 41.0964, 34.7920, 38.7319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

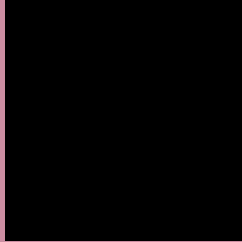
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0964, 34.7920, 38.7319

Background



This preview shows how black text looks on a background with the XYZ color 41.0964, 34.7920, 38.7319.



This preview shows how white text looks on a background with the XYZ color 41.0964, 34.7920,

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

41.0964, 34.7920, 38.7319

Protanopia

34.1426, 35.1458, 44.0140

Deuteranopia

35.7457, 35.0947, 38.1477



Tritanopia

40.2838, 34.6745, 35.1415

Trichromacy



Original Color

41.0964, 34.7920, 38.7319

Protanomaly

36.1383, 34.7236, 41.8434

Deuteranomaly

37.5891, 34.8250, 38.4590

Tritanomaly

40.5369, 34.7758, 36.4742

Monochromacy



Original Color

41.0964, 34.7920, 38.7319

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.6923, 35.5520, 39.5787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0964, 34.7920, 38.7319 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(204, 142, 162)` looks like.

```
.text, #text, p{  
    color:rgb(204, 142, 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(204, 142, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 142, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.0964, 34.7920, 38.7319 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(204, 142, 162) }
```


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

```
.border{ border-color:rgb(204, 142, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 142, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 142, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 142, 162);  
box-shadow:4px 4px 4px 4px rgb(204, 142,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0964, 34.7920, 38.7319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 142, 162) }
```

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

```
.background{ background-color: rgb(204,  
142, 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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