

Converting Colors

XYZ(41.7808, 38.9961, 36.7774)

Have a look what the booklet for
XYZ(41.7808, 38.9961, 36.7774)
contains.

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Color

**XYZ(41.7808, 38.9961,
36.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	C79E9C
RGB	199, 158, 156
RGB Percent	78%, 62%, 61%
CMY	0.2196, 0.3804, 0.3882
CMYK	0.00, 0.21, 0.22, 0.22
HSL	3°, 28%, 70%
HSV	3°, 22%, 78%
XYZ	41.7808, 38.9961, 36.7774
YIQ	170.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

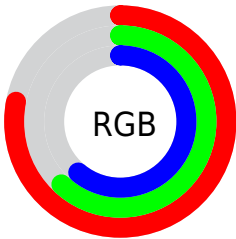
Format	Color
R_{YB}	199, 158, 156
Decimal	13082268
CIE _{Lab}	68.75, 14.88, 6.83
CIE _{LCh}	69, 16.373, 24.667
Yxy	38.9961, 0.3554, 0.3317
Android (android.graphics.Color)	4291272348 (0xFFC79E9C)
YUV	170.0310, -6.9173, 25.4058
Hunter-Lab	62.4469, 10.1455, 8.7946

Details

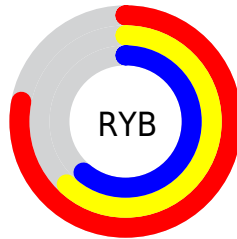
The XYZ color **41.7808, 38.9961, 36.7774** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9849, 51.1227, 61.5826**, and the grayscale version is **38.2494, 40.2414, 43.8229**.

A 20% lighter version of the original color is **76.6671, 73.5016, 71.1192**, and **19.2054, 17.2573, 15.6834** is the 20% darker color. If you saturate the color by 10%, you get **37.2417, 32.3972, 27.6207**, and if you desaturate by 10%, it is **47.0977, 46.7083, 47.5564**.

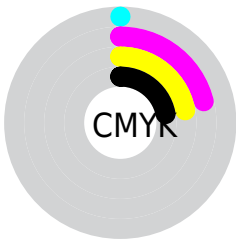
Distribution



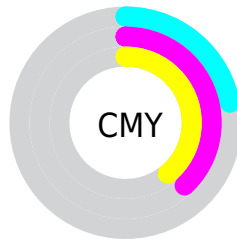
- Red (78%)
- Green (62%)
- Blue (61%)



- Red (78%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7808, 38.9961, 36.7774 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 41.7808, 38.9961, 36.7774 by changing the saturation by 10% instead.


 41.7808, 38.9961,
36.7774


 41.7808, 38.9961,
36.7774


344.5806,
341.8739, 347.4854

 29.1200, 26.7567,
24.7408


 77.1350, 73.6324,
71.4128

 19.3164, 17.3906,
15.6668

 100.5592, 96.7980,
94.8486

 12.0045, 10.5134,
9.1369


128.3019,
124.3745, 122.9212

 6.8190, 5.7406,
4.7325

160.7284,
156.7463, 156.0492

 3.3945, 2.6880,
2.0352

198.2042,
194.2977, 194.6511

 1.3656, 0.9711,
0.5768

241.0946,

 0.2315, 0.0000,

237.4132, 239.1454

0.0000

289.7650,
286.4771, 289.9506

■ 0.0000, 0.0000,
0.0000

■ 41.7808, 38.9961,
36.7774

■ 41.7808, 38.9961,
36.7774

■ 37.2417, 32.3972,
27.6207

■ 47.0977, 46.7083,
47.5564

■ 33.4410, 26.8550,
20.0054

■ 53.2233, 55.5761,
60.0281

■ 30.3406, 22.3164,
13.8475

■ 60.1903, 65.6464,
74.2621

■ 27.8977, 18.7213,
9.0540

■ 68.0290, 76.9616,
90.3231

■ 26.0648, 16.0033,
5.5211

■ 76.6872, 89.5299,
107.8469

■ 24.7880, 14.0872,
3.1302

■ 77.3633, 90.8822,
108.0723

■ 24.0040, 12.8854,
1.7401

■ 23.6540, 12.3435,
1.1358

Harmonies

Analogous

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



42.2518, 38.9961, 43.8007



41.7808, 38.9961, 36.7774



40.0224, 38.9961, 31.8477

Triad

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



41.7808, 38.9961, 36.7774



33.1456, 38.9961, 34.7286



36.6033, 38.9961, 58.3166

Complementary

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



41.7808, 38.9961, 36.7774



43.9849, 51.1227, 61.5826

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.



34.2563, 38.9961, 55.2016



41.7808, 38.9961, 36.7774



32.3204, 38.9961, 41.1471

Square

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



41.7808, 38.9961, 36.7774



35.0233, 38.9961, 30.7649



32.7174, 38.9961, 48.7000



39.1838, 38.9961, 56.7971

Rectangle

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



41.7808, 38.9961, 36.7774



38.3982, 38.9961, 30.1285



32.7174, 38.9961, 48.7000



35.7622, 38.9961, 57.7669

Sweetspot

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



41.7819, 38.9979, 36.7782



88.2054, 90.0970, 94.9462



45.5852, 39.9768, 58.4784



18.7271, 19.0637, 20.0119



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.



41.7819, 38.9979, 36.7782



69.1962, 62.5279, 56.3956



45.6611, 46.7563, 38.0713



10.6729, 10.7148, 11.0684



15.2278, 7.9727, 0.7363



0.7352, 0.4058, 0.0396

Inverse Universe

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



43.9849, 51.1227, 61.5826



73.7443, 87.5652, 107.6228



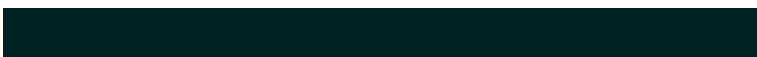
39.5580, 42.2687, 60.1069



10.9027, 11.9795, 13.6551



18.4495, 26.2929, 38.8470



0.8869, 1.2717, 1.8439

Previews

White Background



This preview shows how the XYZ color 41.7808, 38.9961, 36.7774 looks on a white background.

Color Contrast Check

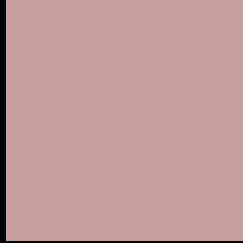
Large Text (above 18pt) WCAG AA × Fail

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 41.7808, 38.9961, 36.7774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

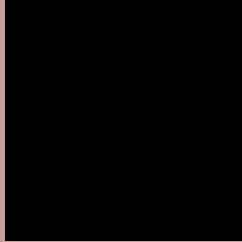
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7808, 38.9961, 36.7774

Background



This preview shows how black text looks on a background with the XYZ color 41.7808, 38.9961, 36.7774.



This preview shows how white text looks on a background with the XYZ color 41.7808, 38.9961,

36.7774.

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

41.7808, 38.9961, 36.7774

Protanopia

37.4853, 39.0949, 39.2886

Deuteranopia

39.8230, 39.0260, 36.4442



Tritanopia

42.7758, 38.8834, 42.2965

Trichromacy



Original Color

41.7808, 38.9961, 36.7774

Protanomaly

38.8249, 38.9992, 38.2822

Deuteranomaly

40.6536, 39.1938, 36.4328

Tritanomaly

42.5772, 39.0736, 40.4199

Monochromacy



Original Color

41.7808, 38.9961, 36.7774

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.4838, 39.8128, 41.2009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7808, 38.9961, 36.7774 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(199, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 156)  
}
```

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(199, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 156) }
```

Border

The CSS property to change the border of an element to XYZ 41.7808, 38.9961, 36.7774 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(199, 158, 156) }
```


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

```
.border{ border-color:rgb(199, 158, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7808, 38.9961, 36.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 156) }
```

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

```
.background{ background-color: rgb(199,  
158, 156) }
```

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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