

Converting Colors

XYZ(38.1489, 33.3296, 31.3197)

Have a look what the booklet for
XYZ(38.1489, 33.3296, 31.3197)
contains.

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Color

**XYZ(38.0725, 33.3961,
31.2275)**

Conversions

Conversions Part 1

Format	Color
Hex	C68E91
RGB	198, 142, 145
RGB Percent	78%, 56%, 57%
CMY	0.2235, 0.4431, 0.4314
CMYK	0.00, 0.28, 0.27, 0.22
HSL	357°, 33%, 67%
HSV	357°, 28%, 78%
XYZ	38.0725, 33.3961, 31.2275
YIQ	159.0860, 32.4130, 12.8050

Conversions

Conversions Part 2

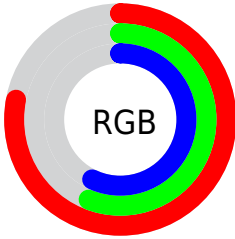
Format	Color
RYB	198, 142, 145
Decimal	13012625
CIELab	64.48, 21.68, 6.87
CIElCh	64, 22.740, 17.574
Yxy	33.3961, 0.3707, 0.3252
Android (android.graphics.Color)	4291202705 (0xFFC68E91)
YUV	159.0860, -6.9444, 34.1276
Hunter-Lab	57.7894, 16.4671, 8.4142

Details

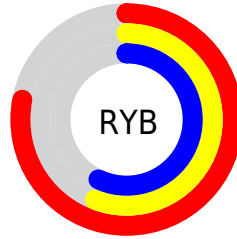
The XYZ color **38.0725, 33.3961, 31.2275** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.2011, 50.0798, 59.1271**, and the grayscale version is **33.0151, 34.7345, 37.8258**.

A 20% lighter version of the original color is **71.2887, 64.8634, 62.7954**, and **17.1343, 14.1480, 12.6542** is the 20% darker color. If you saturate the color by 10%, you get **34.0562, 27.4884, 23.3377**, and if you desaturate by 10%, it is **42.8523, 40.4488, 40.5486**.

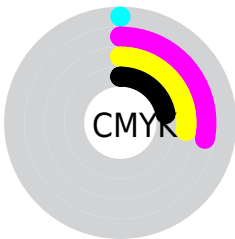
Distribution



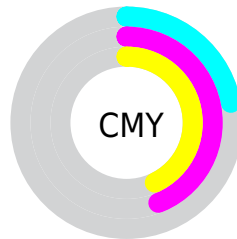
- Red (78%)
- Green (56%)
- Blue (57%)



- Red (78%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (22%)




- Cyan (22%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0725, 33.3961, 31.2275 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 38.0725, 33.3961, 31.2275 by changing the saturation by 10% instead.


 38.0725, 33.3961,
31.2275


 38.0725, 33.3961,
31.2275


329.2064,
317.4308, 321.9686


 26.2164, 22.4301,
20.5122

 71.5224, 64.9934,
62.6818

 17.1192, 14.1732,
12.5802


 93.8470, 86.3935,
84.2580

 10.4153, 8.2413,
7.0128


 120.3918,
112.0404, 110.2915

 5.7396, 4.2497,
3.3915

151.5221,
142.3185, 141.2009

 2.7265, 1.8142,
1.2979

187.6034,
177.6122, 177.4048

 1.0108, 0.4960,
0.0600

229.0010,

 0.0000, 0.0000,

218.3059, 219.3217

0.0000

276.0802,
264.7840, 267.3701

■ 38.0725, 33.3961,
31.2275

■ 38.0725, 33.3961,
31.2275

■ 34.0562, 27.4884,
23.3377

■ 42.8523, 40.4488,
40.5486

■ 30.7613, 22.6609,
16.8064

■ 48.4294, 48.6975,
51.3648

■ 28.1458, 18.8496,
11.5575

■ 54.8388, 58.1958,
63.7385

■ 26.1622, 15.9819,
7.5066

■ 62.1128, 68.9925,
77.7281

■ 24.7569, 13.9756,
4.5592

■ 70.2819, 81.1340,
93.3886

■ 23.8676, 12.7341,
2.6065

■ 77.0987, 90.7458,
108.0599

■ 23.4037, 12.1109,
1.5131

■ 23.3468, 12.0290,
1.3957

Harmonies

Analogous

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



38.2366, 33.3961, 40.3467



38.0725, 33.3961, 31.2275



36.1422, 33.3961, 24.6985

Triad

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



38.0725, 33.3961, 31.2275



27.3536, 33.3961, 25.5863



30.4177, 33.3961, 56.7643

Complementary

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



38.0725, 33.3961, 31.2275



41.2011, 50.0798, 59.1271

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.



27.7143, 33.3961, 51.2195



38.0725, 33.3961, 31.2275



26.0279, 33.3961, 32.6500

Square

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



38.0725, 33.3961, 31.2275



29.8943, 33.3961, 21.8438



26.1552, 33.3961, 42.0320



33.6643, 33.3961, 56.2068

Rectangle

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



38.0725, 33.3961, 31.2275



34.1834, 33.3961, 22.2143



26.1552, 33.3961, 42.0320



29.4197, 33.3961, 55.5177

Sweetspot

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



38.0734, 33.3977, 31.2282



85.9295, 86.4861, 91.2866



42.1836, 34.9295, 57.9449



18.0488, 18.0028, 18.8740



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.



38.0734, 33.3977, 31.2282



62.8350, 52.3909, 46.3048



41.8569, 41.3295, 31.3645



10.6565, 10.6460, 11.1744



15.1931, 7.8268, 0.9607



0.7276, 0.3739, 0.0887

Inverse Universe

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



38.0734, 33.3977, 31.2282



62.8350, 52.3909, 46.3048



36.4343, 39.9985, 59.2263



10.6565, 10.6460, 11.1744



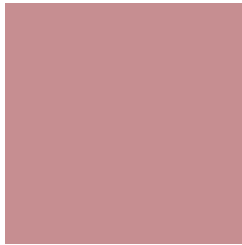
15.1931, 7.8268, 0.9607



0.7276, 0.3739, 0.0887

Previews

White Background



This preview shows how the XYZ color 38.0725, 33.3961, 31.2275 looks on a white background.

Color Contrast Check

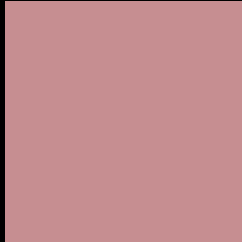
Large Text (above 18pt) WCAG AA × Fail

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 38.0725, 33.3961, 31.2275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

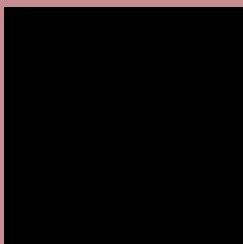
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0725, 33.3961, 31.2275

Background



This preview shows how black text looks on a background with the XYZ color 38.0725, 33.3961, 31.2275.



This preview shows how white text looks on a background with the XYZ color 38.0725, 33.3961,

31.2275.

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

38.0725, 33.3961, 31.2275

Protanopia

32.1354, 33.5504, 34.9192

Deuteranopia

34.1560, 33.4635, 30.6455



Tritanopia

38.7456, 33.4589, 34.1219

Trichromacy



Original Color

38.0725, 33.3961, 31.2275

Protanomaly

34.0272, 33.3339, 33.4948

Deuteranomaly

35.6315, 33.5077, 30.9752

Tritanomaly

38.5029, 33.3618, 32.8439

Monochromacy



Original Color

38.0725, 33.3961, 31.2275

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.4575, 33.9998, 35.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0725, 33.3961, 31.2275 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, 142, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 142, 145)  
}
```

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, 142, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 142, 145) }
```

Border

The CSS property to change the border of an element to XYZ 38.0725, 33.3961, 31.2275 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, 142, 145) }
```


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

```
.border{ border-color:rgb(198, 142, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 142, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 142, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 142, 145);  
box-shadow:4px 4px 4px 4px rgb(198, 142,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0725, 33.3961, 31.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 142, 145) }
```

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

```
.background{ background-color: rgb(198,  
142, 145) }
```

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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