

Converting Colors

XYZ(44.5791, 40.0299, 38.6042)

Have a look what the booklet for
XYZ(44.5791, 40.0299, 38.6042)
contains.

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Color

**XYZ(44.6966, 40.2073,
38.6627)**

Conversions

Conversions Part 1

Format	Color
Hex	D19DA0
RGB	209, 157, 160
RGB Percent	82%, 62%, 63%
CMY	0.1804, 0.3843, 0.3725
CMYK	0.00, 0.25, 0.23, 0.18
HSL	357°, 36%, 72%
HSV	357°, 25%, 82%
XYZ	44.6966, 40.2073, 38.6627
YIQ	172.8900, 30.0290, 11.9570

Conversions

Conversions Part 2

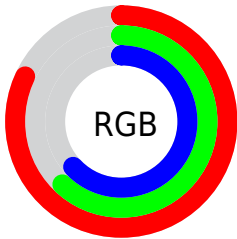
Format	Color
RYB	209, 157, 160
Decimal	13737376
CIELab	69.62, 19.78, 5.99
CIElCh	70, 20.669, 16.847
Yxy	40.2073, 0.3617, 0.3254
Android (android.graphics.Color)	4291927456 (0xFFD19DA0)
YUV	172.8900, -6.3548, 31.6685
Hunter-Lab	63.4092, 14.8569, 8.2354

Details

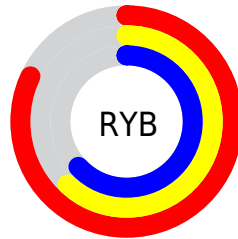
The XYZ color **44.6966, 40.2073, 38.6627** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8473, 57.2262, 66.9193**, and the grayscale version is **39.6860, 41.7527, 45.4687**.

A 20% lighter version of the original color is **77.0492, 73.2533, 74.3683**, and **21.1383, 18.0773, 16.8432** is the 20% darker color. If you saturate the color by 10%, you get **39.8697, 33.0958, 29.2159**, and if you desaturate by 10%, it is **50.4035, 48.6414, 49.7505**.

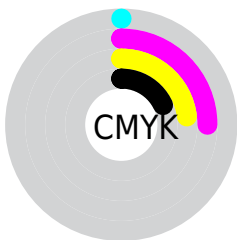
Distribution



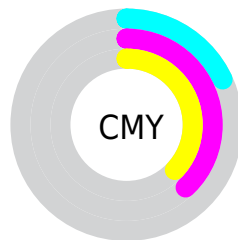
- Red (82%)
- Green (62%)
- Blue (63%)



- Red (82%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6966, 40.2073, 38.6627 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 44.6966, 40.2073, 38.6627 by changing the saturation by 10% instead.


 44.6966, 40.2073,
38.6627


 44.6966, 40.2073,
38.6627


356.3478,
346.9965, 355.8374

 31.4188, 27.7002,
26.1916


 81.5048, 75.4791,
74.3374

 21.0713, 18.0998,
16.7400

 105.7659, 99.0126,
98.3781

 13.2889, 11.0217,
9.8893


134.4188,
126.9903, 127.1124

 7.7062, 6.0814,
5.2210

167.8289,
159.7967, 160.9589

 3.9577, 2.8946,
2.3165

206.3614,
197.8161, 200.3361

 1.6782, 1.0770,
0.7404

250.3819,

 0.4426, 0.0000,

241.4329, 245.6626

0.0000

300.2555,
291.0316, 297.3568

0.0000, 0.0000,
0.0000

44.6966, 40.2073,
38.6627

44.6966, 40.2073,
38.6627

39.8697, 33.0958,
29.2159

50.4035, 48.6414,
49.7505

35.8760, 27.2346,
21.3298

57.0277, 58.4544,
62.5493

32.6692, 22.5530,
14.9211

64.6083, 69.7063,
77.1284

30.1972, 18.9712,
9.8977

73.1813, 82.4518,
93.5521

28.4017, 16.3992,
6.1574

80.1046, 92.2954,
108.2006

■ 27.2153, 14.7332,
3.5836

■ 26.5570, 13.8464,
2.0386

■ 26.3612, 13.5820,
1.5814

Harmonies

Analogous

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



44.8156, 40.2073, 48.0982



44.6966, 40.2073, 38.6627



42.7779, 40.2073, 31.6870

Triad

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



44.6966, 40.2073, 38.6627



33.7203, 40.2073, 32.3675



36.7733, 40.2073, 64.2383

Complementary

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



44.6966, 40.2073, 38.6627



47.8473, 57.2262, 66.9193

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.



33.9902, 40.2073, 58.6115



44.6966, 40.2073, 38.6627



32.2980, 40.2073, 39.7263

Square

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



44.6966, 40.2073, 38.6627



36.3849, 40.2073, 28.4320



32.3939, 40.2073, 49.3277



40.1071, 40.2073, 63.8430

Rectangle

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



44.6966, 40.2073, 38.6627



40.7965, 40.2073, 28.9540



32.3939, 40.2073, 49.3277



35.7463, 40.2073, 62.9574

Sweetspot

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



44.6977, 40.2092, 38.6635



87.0265, 88.0988, 93.4445



48.8909, 41.7744, 65.8082



18.4867, 18.6485, 19.7297



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.



44.6977, 40.2092, 38.6635



65.7977, 56.7152, 52.2287



48.6087, 48.4455, 38.6896



11.8360, 11.8191, 12.4120



16.2655, 8.3790, 1.0385



0.9194, 0.4725, 0.1102

Inverse Universe

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



44.6977, 40.2092, 38.6635



65.7977, 56.7152, 52.2287



43.0722, 47.0879, 67.1405



11.8360, 11.8191, 12.4120



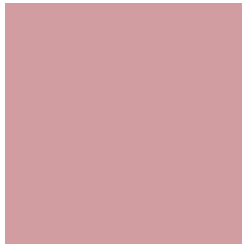
16.2655, 8.3790, 1.0385



0.9194, 0.4725, 0.1102

Previews

White Background



This preview shows how the XYZ color 44.6966, 40.2073, 38.6627 looks on a white background.

Color Contrast Check

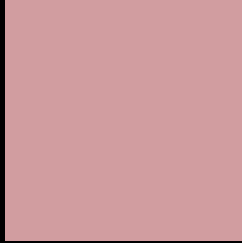
Large Text (above 18pt) WCAG AA × Fail

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 44.6966, 40.2073, 38.6627 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 44.6966, 40.2073, 38.6627

Background



This preview shows how black text looks on a background with the XYZ color 44.6966, 40.2073, 38.6627.



This preview shows how white text looks on a background with the XYZ color 44.6966, 40.2073,

38.6627.

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

44.6966, 40.2073, 38.6627

Protanopia

38.8053, 40.5381, 42.3386

Deuteranopia

41.0193, 40.1305, 38.3849



Tritanopia

45.5347, 40.3057, 42.4256

Trichromacy



Original Color

44.6966, 40.2073, 38.6627

Protanomaly

40.6495, 40.1554, 40.7303

Deuteranomaly

42.2916, 39.9987, 38.2924

Tritanomaly

45.2583, 40.1952, 40.9704

Monochromacy



Original Color

44.6966, 40.2073, 38.6627

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.1363, 40.9037, 42.7729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6966, 40.2073, 38.6627 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(209, 157, 160)` looks like.

```
.text, #text, p{  
    color:rgb(209, 157, 160)  
}
```

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(209, 157, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 157, 160) }
```

Border

The CSS property to change the border of an element to XYZ 44.6966, 40.2073, 38.6627 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(209, 157, 160) }
```


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

```
.border{ border-color:rgb(209, 157, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 157, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 157, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 157, 160);  
box-shadow:4px 4px 4px 4px rgb(209, 157,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6966, 40.2073, 38.6627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 157, 160) }
```

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

```
.background{ background-color: rgb(209,  
157, 160) }
```

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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