

Converting Colors

XYZ(40.8441, 39.3941, 27.6421)

Have a look what the booklet for
XYZ(40.8441, 39.3941, 27.6421)
contains.

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Color

**XYZ(40.7979, 39.4626,
27.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A185
RGB	200, 161, 133
RGB Percent	78%, 63%, 52%
CMY	0.2157, 0.3686, 0.4784
CMYK	0.00, 0.19, 0.33, 0.22
HSL	25°, 38%, 65%
HSV	25°, 33%, 78%
XYZ	40.7979, 39.4626, 27.6571
YIQ	169.4690, 32.2320, -0.4400

Conversions

Conversions Part 2

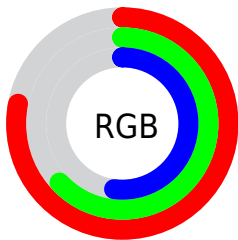
Format	Color
RYB	200, 181, 133
Decimal	13148549
CIELab	69.09, 10.42, 20.04
CIElCh	69, 22.586, 62.515
Yxy	39.4626, 0.3780, 0.3657
Android (android.graphics.Color)	4291338629 (0xFFC8A185)
YUV	169.4690, -17.9792, 26.7757
Hunter-Lab	62.8193, 5.9929, 17.8702

Details

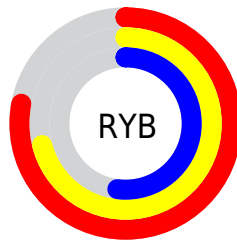
The XYZ color **40.7979, 39.4626, 27.6571** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.8502, 38.6603, 60.2689**, and the grayscale version is **38.0205, 40.0006, 43.5606**.

A 20% lighter version of the original color is **74.6588, 73.9169, 56.7868**, and **18.7070, 17.5816, 10.5912** is the 20% darker color. If you saturate the color by 10%, you get **37.6054, 35.0822, 20.4127**, and if you desaturate by 10%, it is **44.4450, 44.3308, 36.3518**.

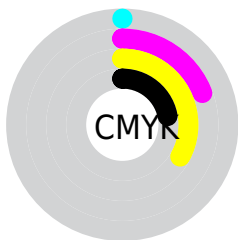
Distribution



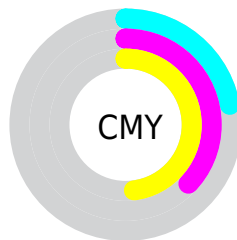
- Red (78%)
- Green (63%)
- Blue (52%)



- Red (78%)
- Yellow (71%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7979, 39.4626, 27.6571 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 40.7979, 39.4626, 27.6571 by changing the saturation by 10% instead.


 40.7979, 39.4626,
27.6571


 40.7979, 39.4626,
27.6571


340.5523,
343.8533, 304.6850


 28.3482, 27.1198,
17.8306

 75.6537, 74.3445,
56.9530

 18.7301, 17.6632,
10.6602


 98.7904, 97.6523,
77.2595

 11.5782, 10.7085,
5.7276


 126.2202,
125.3840, 101.8963

 6.5273, 5.8712,
2.6140

158.3084,
157.9239, 131.2820

 3.2120, 2.7669,
0.8997

195.4203,
195.6564, 165.8352

 1.2668, 1.0113,
0.0000

237.9214,

 0.1582, 0.0000,

238.9658, 205.9744

0.0000

286.1769,
288.2367, 252.1182

■ 0.0000, 0.0000,
0.0000

■ 40.7979, 39.4626,
27.6571

■ 40.7979, 39.4626,
27.6571

■ 37.6054, 35.0822,
20.4127

■ 44.4450, 44.3308,
36.3518

■ 34.8442, 31.1677,
14.5358

■ 48.5623, 49.6965,
46.5688

■ 32.4936, 27.7036,
9.9383


■ 53.1686, 55.5764,
58.3780


■ 30.5295, 24.6714,
6.5213


■ 58.2802, 61.9844,
71.8442


■ 28.9246, 22.0506,
4.1706


■ 63.9132, 68.9340,
87.0288


 27.6470, 19.8184,
2.7490

 70.0826, 76.4380,
103.9899

 26.9584, 18.5574,
2.1611

 73.7670, 83.2947,
106.7973

 77.3520, 90.4647,
107.9923

 77.6294, 91.0193,
108.0847

Harmonies

Analogous

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



43.6602, 39.4626, 33.1587



40.7979, 39.4626, 27.6571



37.2047, 39.4626, 26.0343

Triad

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



40.7979, 39.4626, 27.6571



31.0022, 39.4626, 43.8450



41.3576, 39.4626, 61.9700

Complementary

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



40.7979, 39.4626, 27.6571



34.8502, 38.6603, 60.2689

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.



37.8130, 39.4626, 66.0011



40.7979, 39.4626, 27.6571



31.9628, 39.4626, 54.5431

Square

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



40.7979, 39.4626, 27.6571



31.6902, 39.4626, 34.4443



34.3999, 39.4626, 63.0885



43.9976, 39.4626, 52.7935

Rectangle

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



40.7979, 39.4626, 27.6571



34.9165, 39.4626, 27.1185



34.3999, 39.4626, 63.0885



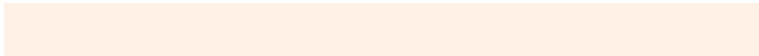
40.2247, 39.4626, 64.0325

Sweetspot

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



40.7989, 39.4644, 27.6579



86.6595, 89.3586, 87.1758



39.6616, 32.0366, 43.1652



18.3116, 18.8223, 18.0556



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.



40.7989, 39.4644, 27.6579



66.6472, 62.8748, 38.7603



47.4378, 52.7421, 29.8709



10.9920, 11.3532, 11.1748



17.2253, 11.9678, 1.4022



0.8868, 0.7091, 0.0901

Inverse Universe

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



34.8502, 38.6603, 60.2689



54.8220, 61.2626, 103.5432



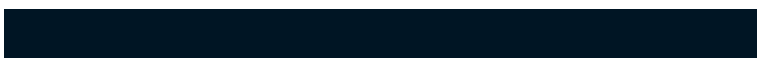
29.2710, 27.5020, 58.4091



10.5608, 11.2957, 13.5412



10.7197, 10.8334, 36.2704



0.5780, 0.6538, 1.7409

Previews

White Background



This preview shows how the XYZ color 40.7979, 39.4626, 27.6571 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 40.7979, 39.4626, 27.6571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

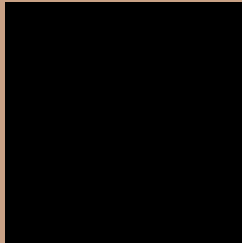
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7979, 39.4626, 27.6571

Background



This preview shows how black text looks on a background with the XYZ color 40.7979, 39.4626, 27.6571.



This preview shows how white text looks on a background with the XYZ color 40.7979, 39.4626,

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

40.7979, 39.4626, 27.6571

Protanopia

37.2937, 39.7658, 29.3769

Deuteranopia

40.1799, 39.4044, 27.6784



Tritanopia

43.8582, 39.4415, 42.3472

Trichromacy



Original Color

40.7979, 39.4626, 27.6571

Protanomaly

38.5737, 39.6148, 28.9059

Deuteranomaly

40.4427, 39.5399, 27.6907

Tritanomaly

42.7719, 39.5168, 36.3835

Monochromacy



Original Color

40.7979, 39.4626, 27.6571

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4594, 39.3760, 37.0258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7979, 39.4626, 27.6571 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(200, 161, 133)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 133)  
}
```

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(200, 161, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 133) }
```

Border

The CSS property to change the border of an element to XYZ 40.7979, 39.4626, 27.6571 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(200, 161, 133) }
```


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

```
.border{ border-color:rgb(200, 161, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 161, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 133);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7979, 39.4626, 27.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 133) }
```

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

```
.background{ background-color: rgb(200,  
161, 133) }
```

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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