

Converting Colors

XYZ(39.5494, 40.4460, 27.2121)

Have a look what the booklet for
XYZ(39.5494, 40.4460, 27.2121)
contains.

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Color

**XYZ(39.6537, 40.4826,
27.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A783
RGB	192, 167, 131
RGB Percent	75%, 65%, 51%
CMY	0.2471, 0.3451, 0.4863
CMYK	0.00, 0.13, 0.32, 0.25
HSL	35°, 33%, 63%
HSV	35°, 32%, 75%
XYZ	39.6537, 40.4826, 27.1967
YIQ	170.3710, 26.4560, -5.8960

Conversions

Conversions Part 2

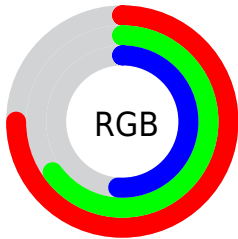
Format	Color
RYB	173, 192, 131
Decimal	12625795
CIELab	69.81, 3.73, 22.00
CIElCh	70, 22.311, 80.373
Yxy	40.4826, 0.3694, 0.3772
Android (android.graphics.Color)	4290815875 (0xFFC0A783)
YUV	170.3710, -19.4099, 18.9686
Hunter-Lab	63.6259, -0.0985, 19.1948

Details

The XYZ color **39.6537, 40.4826, 27.1967** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.7627, 32.4071, 54.5031**, and the grayscale version is **38.4792, 40.4831, 44.0861**.

A 20% lighter version of the original color is **73.8399, 75.8430, 56.0948**, and **18.0972, 18.2588, 10.3551** is the 20% darker color. If you saturate the color by 10%, you get **37.0736, 37.2155, 20.5007**, and if you desaturate by 10%, it is **42.5647, 44.0253, 35.1937**.

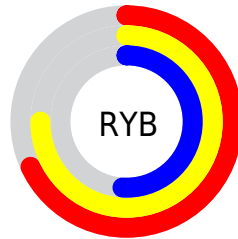
Distribution



Red (75%)

Green (65%)

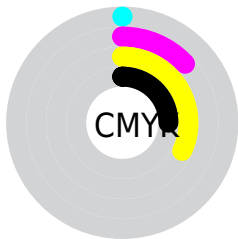
Blue (51%)



Red (68%)

Yellow (75%)

Blue (51%)

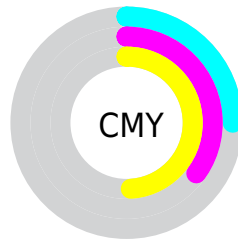


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6537, 40.4826, 27.1967 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 39.6537, 40.4826, 27.1967 by changing the saturation by 10% instead.


 39.6537, 40.4826,
27.1967


 39.6537, 40.4826,
27.1967


335.8213,
348.1535, 302.3985


 27.4516, 27.9150,
17.4873


 73.9236, 75.8978,
56.2069

 18.0511, 18.2616,
10.4169


 96.7221, 99.5143,
76.3448

 11.0866, 11.1380,
5.5670


 123.7836,
127.5825, 100.7959

 6.1928, 6.1597,
2.5191

155.4732,
160.4868, 129.9787

 3.0044, 2.9424,
0.8503

192.1565,
198.6117, 164.3118

 1.1561, 1.1018,
0.0000

234.1987,

 0.0713, 0.0000,

242.3415, 204.2138

0.0000

281.9652,
292.0606, 250.1032

■ 0.0000, 0.0000,
0.0000

■ 39.6537, 40.4826,
27.1967

■ 39.6537, 40.4826,
27.1967

■ 37.0736, 37.2155,
20.5007

■ 42.5647, 44.0253,
35.1937

■ 34.8065, 34.2099,
15.0323

■ 45.8174, 47.8460,
44.5545

■ 32.8372, 31.4588,
10.7148

■ 49.4257, 51.9540,
55.3408

■ 31.1476, 28.9523,
7.4616

■ 53.4019, 56.3565,
67.6100

■ 29.7175, 26.6795,
5.1736

■ 57.7576, 61.0605,
81.4160

■ 28.5227, 24.6281,
3.7329

■ 62.5036, 66.0724,
96.8101

■ 27.6797, 23.0893,
2.9978

■ 65.9302, 70.7104,
104.7813

■ 68.0699, 74.9897,
105.4945

■ 70.3084, 79.4667,
106.2407

Harmonies

Analogous

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



43.0913, 40.4826, 30.4348



39.6537, 40.4826, 27.1967



36.1041, 40.4826, 27.9032

Triad

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



39.6537, 40.4826, 27.1967



32.3124, 40.4826, 51.3915



44.0933, 40.4826, 58.0591

Complementary

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



39.6537, 40.4826, 27.1967



30.7627, 32.4071, 54.5031

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.



40.9527, 40.4826, 65.5393



39.6537, 40.4826, 27.1967



34.2054, 40.4826, 61.2903

Square

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



39.6537, 40.4826, 27.1967



32.0129, 40.4826, 40.8273



37.3248, 40.4826, 66.8065



45.7586, 40.4826, 47.4983

Rectangle

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



39.6537, 40.4826, 27.1967



34.1412, 40.4826, 30.5653



37.3248, 40.4826, 66.8065



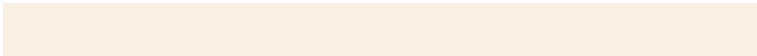
43.1662, 40.4826, 61.0827

Sweetspot

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



39.6547, 40.4845, 27.1975



84.0269, 87.8570, 83.6992



35.8910, 29.8540, 35.5090



17.8360, 18.6285, 17.3949



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.6547, 40.4845, 27.1975



68.5909, 69.2524, 40.7350



43.4197, 49.8924, 28.8150



10.5562, 11.0438, 10.6372



18.7036, 15.6929, 2.0432



0.8746, 0.8110, 0.1104

Inverse Universe

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



30.7627, 32.4071, 54.5031



50.0038, 52.3753, 97.8343



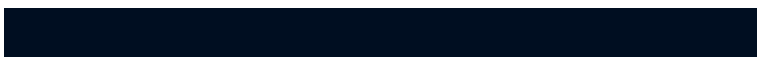
27.7981, 25.2801, 53.2837



9.8597, 10.4107, 12.7746



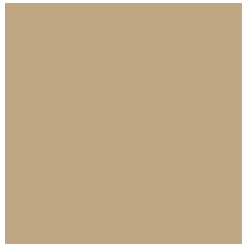
8.3404, 6.4374, 34.3596



0.4281, 0.4136, 1.5072

Previews

White Background



This preview shows how the XYZ color 39.6537, 40.4826, 27.1967 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 39.6537, 40.4826, 27.1967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

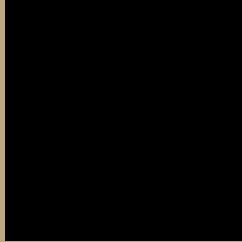
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6537, 40.4826, 27.1967

Background



This preview shows how black text looks on a background with the XYZ color 39.6537, 40.4826, 27.1967.



This preview shows how white text looks on a background with the XYZ color 39.6537, 40.4826,

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

39.6537, 40.4826, 27.1967

Protanopia

37.8998, 40.3880, 27.9884

Deuteranopia

41.2597, 40.4962, 27.4717



Tritanopia

43.4108, 40.4160, 45.5575

Trichromacy



Original Color

39.6537, 40.4826, 27.1967

Protanomaly

38.6025, 40.4810, 27.6088

Deuteranomaly

40.6459, 40.4465, 27.4945

Tritanomaly

41.7744, 40.2651, 37.9179

Monochromacy



Original Color

39.6537, 40.4826, 27.1967

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5488, 40.2412, 37.1881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6537, 40.4826, 27.1967 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(192, 167, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 167, 131)  
}
```

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(192, 167, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 167, 131) }
```

Border

The CSS property to change the border of an element to XYZ 39.6537, 40.4826, 27.1967 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(192, 167, 131) }
```


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

```
.border{ border-color:rgb(192, 167, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 167, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 167, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 167, 131);  
box-shadow:4px 4px 4px 4px rgb(192, 167,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6537, 40.4826, 27.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 167, 131) }
```

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

```
.background{ background-color: rgb(192,  
167, 131) }
```

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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