

Converting Colors

XYZ(39.9461, 37.2499, 27.6388)

Have a look what the booklet for
XYZ(39.9461, 37.2499, 27.6388)
contains.

XYZ(39.9461, 37.2499, 27.6388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.9461, 37.2499,
27.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	C99A86
RGB	201, 154, 134
RGB Percent	79%, 60%, 53%
CMY	0.2118, 0.3961, 0.4745
CMYK	0.00, 0.23, 0.33, 0.21
HSL	18°, 38%, 66%
HSV	18°, 33%, 79%
XYZ	39.9461, 37.2499, 27.6388
YIQ	165.7730, 34.4320, 3.7440

Conversions

Conversions Part 2

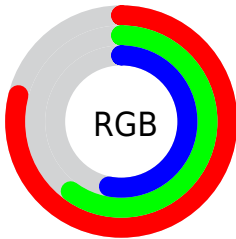
Format	Color
R _{YB}	201, 163, 134
Decimal	13212294
CIE _{Lab}	67.46, 14.77, 17.27
CIE _{LCh}	67, 22.722, 49.467
Yxy	37.2499, 0.3810, 0.3553
Android (android.graphics.Color)	4291402374 (0xFFC99A86)
YUV	165.7730, -15.6641, 30.8941
Hunter-Lab	61.0327, 10.0216, 15.8733

Details

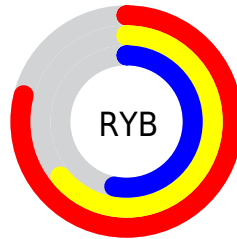
The XYZ color **39.9461, 37.2499, 27.6388** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8976, 42.3319, 61.4847**, and the grayscale version is **36.1983, 38.0834, 41.4728**.

A 20% lighter version of the original color is **72.7655, 69.9596, 56.6821**, and **18.3045, 16.4516, 10.5982** is the 20% darker color. If you saturate the color by 10%, you get **36.4835, 32.3589, 20.2131**, and if you desaturate by 10%, it is **43.9505, 42.7976, 36.5604**.

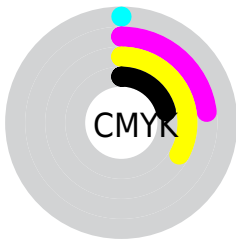
Distribution



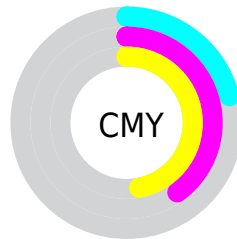
- Red (79%)
- Green (60%)
- Blue (53%)



- Red (79%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9461, 37.2499, 27.6388 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 39.9461, 37.2499, 27.6388 by changing the saturation by 10% instead.


 39.9461, 37.2499,
27.6388


 39.9461, 37.2499,
27.6388


337.0347,
334.3912, 304.5944


 27.6805, 25.4010,
17.8169


 74.3663, 70.9570,
56.9234

 18.2242, 16.3761,
10.6505


 97.2516, 93.5840,
77.2232

 11.2117, 9.7907,
5.7212


 124.4076,
120.5724, 101.8526

 6.2778, 5.2604,
2.6102

156.1996,
152.3068, 131.2303

 3.0570, 2.4008,
0.8977

192.9930,
189.1715, 165.7748

 1.1840, 0.8263,
0.0000

235.1530,

 0.0937, 0.0000,

231.5509, 205.9046

0.0000

283.0451,
279.8293, 252.0383

■ 0.0000, 0.0000,
0.0000

■ 39.9461, 37.2499,
27.6388

■ 39.9461, 37.2499,
27.6388

■ 36.4835, 32.3589,
20.2131

■ 43.9505, 42.7976,
36.5604

■ 33.5352, 28.0946,
14.1983

■ 48.5166, 49.0204,
47.0521

■ 31.0755, 24.4320,
9.5039


■ 53.6670, 55.9421,
59.1859


■ 29.0753, 21.3426,
6.0282


■ 59.4220, 63.5842,
73.0285


■ 27.5016, 18.7952,
3.6542


■ 65.8009, 71.9669,
88.6430

 26.3163, 16.7548,
2.2414

 72.8223, 81.1098,
106.0893

 25.7040, 15.6505,
1.6661

 77.1671, 89.6968,
107.8538

 77.8975, 91.1576,
108.0973

Harmonies

Analogous

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



42.1141, 37.2499, 34.4869



39.9461, 37.2499, 27.6388



36.6455, 37.2499, 24.4504

Triad

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



39.9461, 37.2499, 27.6388



29.2105, 37.2499, 37.1471



37.6880, 37.2499, 61.5038

Complementary

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



39.9461, 37.2499, 27.6388



36.8976, 42.3319, 61.4847

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.



34.1927, 37.2499, 62.5319



39.9461, 37.2499, 27.6388



29.4491, 37.2499, 47.3046

Square

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



39.9461, 37.2499, 27.6388



30.5470, 37.2499, 29.3102



31.2216, 37.2499, 56.9837



40.7523, 37.2499, 54.3700

Rectangle

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



39.9461, 37.2499, 27.6388



34.3129, 37.2499, 24.4061



31.2216, 37.2499, 56.9837



36.5198, 37.2499, 62.6148

Sweetspot

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



39.9471, 37.2517, 27.6396



85.7698, 87.5792, 86.8792



41.0580, 32.8462, 48.4413



18.0971, 18.3934, 17.9841



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.



39.9471, 37.2517, 27.6396



64.0170, 57.6144, 37.8836



46.0517, 49.4609, 29.6744



10.8877, 11.1446, 11.1400



16.2321, 9.9814, 1.0711



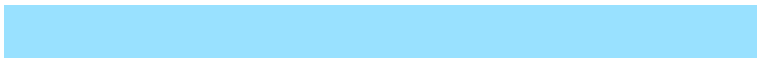
0.8329, 0.6013, 0.0722

Inverse Universe

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



36.8976, 42.3319, 61.4847



57.9896, 67.5977, 104.5990



31.0457, 30.6281, 59.5341



10.6690, 11.5121, 13.5772



12.6997, 14.7933, 36.9304



0.6624, 0.8226, 1.7690

Previews

White Background



This preview shows how the XYZ color 39.9461, 37.2499, 27.6388 looks on a white background.

Color Contrast Check

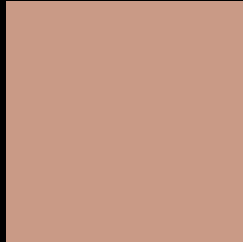
Large Text (above 18pt) WCAG AA × Fail

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 39.9461, 37.2499, 27.6388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

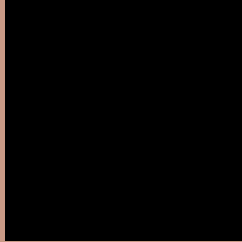
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9461, 37.2499, 27.6388

Background



This preview shows how black text looks on a background with the XYZ color 39.9461, 37.2499, 27.6388.



This preview shows how white text looks on a background with the XYZ color 39.9461, 37.2499,

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

39.9461, 37.2499, 27.6388

Protanopia

35.1692, 37.2992, 29.7720

Deuteranopia

37.9464, 37.2235, 27.3752



Tritanopia

42.3298, 37.2587, 39.1430

Trichromacy



Original Color

39.9461, 37.2499, 27.6388

Protanomaly

36.6146, 37.0150, 28.8817

Deuteranomaly

38.7963, 37.4095, 27.3663

Tritanomaly

41.3627, 37.0967, 34.6861

Monochromacy



Original Color

39.9461, 37.2499, 27.6388

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.3435, 37.7575, 35.8916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9461, 37.2499, 27.6388 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(201, 154, 134)` looks like.

```
.text, #text, p{  
    color:rgb(201, 154, 134)  
}
```

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(201, 154, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 154, 134) }
```

Border

The CSS property to change the border of an element to XYZ 39.9461, 37.2499, 27.6388 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(201, 154, 134) }
```


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

```
.border{ border-color:rgb(201, 154, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 154, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 154, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 154, 134);  
box-shadow:4px 4px 4px 4px rgb(201, 154,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9461, 37.2499, 27.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 154, 134) }
```

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

```
.background{ background-color: rgb(201,  
154, 134) }
```

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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