

Converting Colors

XYZ(39.2836, 37.9387, 26.3724)

Have a look what the booklet for
XYZ(39.2836, 37.9387, 26.3724)
contains.

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Color

**XYZ(39.2821, 37.9357,
26.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	C59E82
RGB	197, 158, 130
RGB Percent	77%, 62%, 51%
CMY	0.2274, 0.3804, 0.4902
CMYK	0.00, 0.20, 0.34, 0.23
HSL	25°, 37%, 64%
HSV	25°, 34%, 77%
XYZ	39.2821, 37.9357, 26.3710
YIQ	166.4690, 32.2320, -0.4400

Conversions

Conversions Part 2

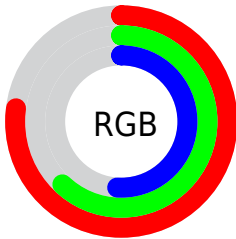
Format	Color
RYB	197, 178, 130
Decimal	12951170
CIELab	67.97, 10.49, 20.11
CIELCh	68, 22.683, 62.466
Yxy	37.9357, 0.3792, 0.3662
Android (android.graphics.Color)	4291141250 (0xFFC59E82)
YUV	166.4690, -17.9792, 26.7757
Hunter-Lab	61.5920, 6.0577, 17.7290

Details

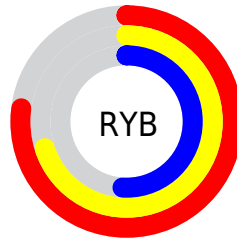
The XYZ color **39.2821, 37.9357, 26.3710** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.4716, 37.1519, 58.2304**, and the grayscale version is **36.5468, 38.4501, 41.8722**.

A 20% lighter version of the original color is **73.5815, 72.2674, 54.8706**, and **17.8610, 16.8454, 9.8995** is the 20% darker color. If you saturate the color by 10%, you get **36.2191, 33.7270, 19.4390**, and if you desaturate by 10%, it is **42.7828, 42.6142, 34.6987**.

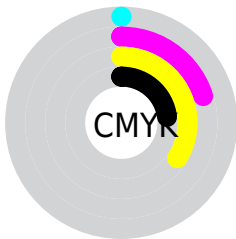
Distribution



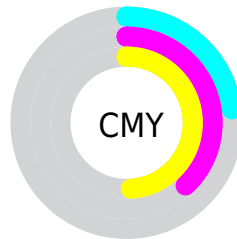
- Red (77%)
- Green (62%)
- Blue (51%)



- Red (77%)
- Yellow (70%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (23%)





- Cyan (23%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2821, 37.9357, 26.3710 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 39.2821, 37.9357, 26.3710 by changing the saturation by 10% instead.


 39.2821, 37.9357,
26.3710


 39.2821, 37.9357,
26.3710


334.2749,
337.3441, 298.2618


 27.1610, 25.9328,
16.8731


 73.3604, 72.0096,
54.8643

 17.8314, 16.7734,
9.9831


 96.0483, 94.8493,
74.6968

 10.9279, 10.0730,
5.2823


 122.9891,
122.0701, 98.8112

 6.0853, 5.4474,
2.3522

154.5482,
154.0564, 127.6262

 2.9382, 2.5121,
0.7602

191.0910,
191.1926, 161.5602

 1.1212, 0.8827,
0.0000

232.9828,

 0.0427, 0.0000,

233.8629, 201.0317

0.0000

280.5890,
282.4520, 246.4594

■ 0.0000, 0.0000,
0.0000

■ 39.2821, 37.9357,
26.3710

■ 39.2821, 37.9357,
26.3710

■ 36.2191, 33.7270,
19.4390

■ 42.7828, 42.6142,
34.6987

■ 33.5713, 29.9671,
13.8224

■ 46.7363, 47.7721,
44.4916

■ 31.3187, 26.6410,
9.4362


■ 51.1606, 53.4253,
55.8175


■ 29.4377, 23.7306,
6.1842


■ 56.0718, 59.5874,
68.7390

■ 27.9022, 21.2163,
3.9558


■ 61.4852, 66.2713,
83.3153


 26.6810, 19.0760,
2.6173

 67.4153, 73.4895,
99.6026

 26.0690, 17.9564,
2.0919

 71.7284, 80.3950,
106.3450

 75.1787, 87.2957,
107.4952

 76.8360, 90.6104,
108.0476

Harmonies

Analogous

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



42.0839, 37.9357, 31.7357



39.2821, 37.9357, 26.3710



35.7658, 37.9357, 24.7868

Triad

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



39.2821, 37.9357, 26.3710



29.6993, 37.9357, 42.1466



39.8195, 37.9357, 59.9462

Complementary

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



39.2821, 37.9357, 26.3710



33.4716, 37.1519, 58.2304

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.



36.3492, 37.9357, 63.8964



39.2821, 37.9357, 26.3710



30.6344, 37.9357, 52.6283

Square

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



39.2821, 37.9357, 26.3710



30.3735, 37.9357, 32.9652



33.0130, 37.9357, 61.0235



42.4081, 37.9357, 50.9459

Rectangle

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



39.2821, 37.9357, 26.3710



33.5278, 37.9357, 25.8368



33.0130, 37.9357, 61.0235



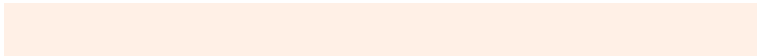
38.7098, 37.9357, 61.9693

Sweetspot

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



39.2831, 37.9375, 26.3718



86.6595, 89.3585, 87.1758



38.1782, 30.7037, 41.4917



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.



39.2831, 37.9375, 26.3718



66.1062, 62.1263, 37.5519



45.7773, 50.9259, 28.5365



10.9920, 11.3532, 11.1748



17.2253, 11.9677, 1.4021



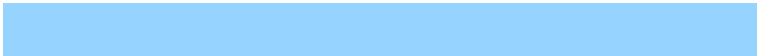
0.8868, 0.7091, 0.0901

Inverse Universe

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



33.4716, 37.1519, 58.2304



54.0798, 60.4852, 103.4322



28.0300, 26.2687, 56.4165



10.5608, 11.2958, 13.5412



10.7199, 10.8337, 36.2705



0.5780, 0.6538, 1.7409

Previews

White Background



This preview shows how the XYZ color 39.2821, 37.9357, 26.3710 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 39.2821, 37.9357, 26.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

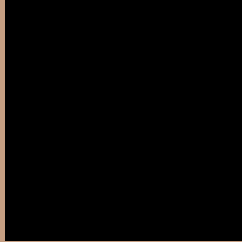
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2821, 37.9357, 26.3710

Background



This preview shows how black text looks on a background with the XYZ color 39.2821, 37.9357, 26.3710.



This preview shows how white text looks on a background with the XYZ color 39.2821, 37.9357,

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

39.2821, 37.9357, 26.3710

Protanopia

35.8438, 38.2238, 28.0430

Deuteranopia

38.6755, 37.8773, 26.3917



Tritanopia

42.2702, 37.9166, 40.6881

Trichromacy



Original Color

39.2821, 37.9357, 26.3710

Protanomaly

37.0980, 38.0782, 27.5849

Deuteranomaly

38.9331, 38.0101, 26.4038

Tritanomaly

41.2083, 37.9890, 34.8665

Monochromacy



Original Color

39.2821, 37.9357, 26.3710

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9784, 37.8414, 35.4921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2821, 37.9357, 26.3710 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(197, 158, 130)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 130)  
}
```

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(197, 158, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 130) }
```

Border

The CSS property to change the border of an element to XYZ 39.2821, 37.9357, 26.3710 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(197, 158, 130) }
```


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

```
.border{ border-color:rgb(197, 158, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 158, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 130);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2821, 37.9357, 26.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 130) }
```

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

```
.background{ background-color: rgb(197,  
158, 130) }
```

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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