

Converting Colors

XYZ(39.0153, 37.7190, 20.7044)

Have a look what the booklet for
XYZ(39.0153, 37.7190, 20.7044)
contains.

XYZ(39.1250, 37.7237, 20.8421)	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(39.1250, 37.7237,
20.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	C99D71
RGB	201, 157, 113
RGB Percent	79%, 62%, 44%
CMY	0.2118, 0.3843, 0.5569
CMYK	0.00, 0.22, 0.44, 0.21
HSL	30°, 45%, 62%
HSV	30°, 44%, 79%
XYZ	39.1250, 37.7237, 20.8421
YIQ	165.1400, 40.3480, -4.3560

Conversions

Conversions Part 2

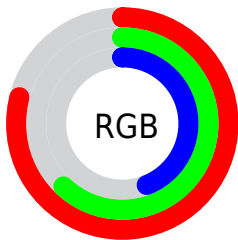
Format	Color
R_{YB}	201, 201, 113
Decimal	13213041
CIE Lab	67.82, 10.66, 29.25
CIE LCh	68, 31.132, 69.968
Yxy	37.7237, 0.4005, 0.3862
Android (android.graphics.Color)	4291403121 (0xFFC99D71)
YUV	165.1400, -25.7050, 31.4492
Hunter-Lab	61.4196, 6.2222, 22.8743

Details

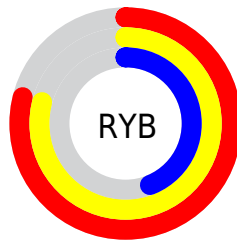
The XYZ color **39.1250, 37.7237, 20.8421** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4092, 31.8405, 59.8540**, and the grayscale version is **35.9381, 37.8097, 41.1748**.

A 20% lighter version of the original color is **71.5750, 71.0636, 45.5415**, and **17.7565, 16.6980, 7.1377** is the 20% darker color. If you saturate the color by 10%, you get **36.4857, 34.0599, 14.9843**, and if you desaturate by 10%, it is **42.1567, 41.7711, 28.0678**.

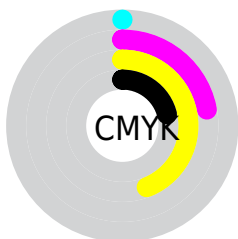
Distribution



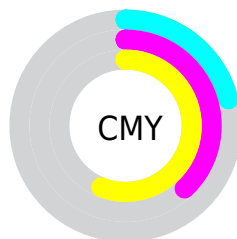
- Red (79%)
- Green (62%)
- Blue (44%)



- Red (79%)
- Yellow (79%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (21%)





- Cyan (21%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1250, 37.7237, 20.8421 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 39.1250, 37.7237, 20.8421 by changing the saturation by 10% instead.


 39.1250, 37.7237,
20.8421


 39.1250, 37.7237,
20.8421


333.6197,
336.4332, 269.1916

 27.0381, 25.7683,
12.8185


 73.1221, 71.6844,
45.7020


 17.7386, 16.6504,
7.1744


 95.7630, 94.4586,
63.3753

 10.8610, 9.9855,
3.4913


 122.6527,
121.6078, 85.1024

 6.0401, 5.3894,
1.3507

 154.1565,
153.5164, 111.3016

 2.9104, 2.4775,
0.1028

190.6397,
190.5689, 142.3916

 1.1065, 0.8653,
0.0000

232.4677,

 0.0306, 0.0000,

233.1496, 178.7909

0.0000

280.0059,
281.6429, 220.9181

■ 0.0000, 0.0000,
0.0000

■ 39.1250, 37.7237,
20.8421

■ 39.1250, 37.7237,
20.8421

■ 36.4857, 34.0599,
14.9843

■ 42.1567, 41.7711,
28.0678

■ 34.2159, 30.7609,
10.4030

■ 45.5963, 46.2091,
36.7404

■ 32.2942, 27.8140,
6.9988

■ 49.4620, 51.0515,
46.9353

■ 30.6954, 25.2033,
4.6567

■ 53.7698, 56.3096,
58.7221

■ 29.3896, 22.9108,
3.2374

■ 58.5348, 61.9940,
72.1660

■ 28.6936, 21.6300,
2.6627

■ 63.7714, 68.1151,
87.3285

■ 69.4933, 74.6828,
104.2680

■ 72.5366, 80.4360,
106.3103

■ 75.5346, 86.4320,
107.3097

Harmonies

Analogous

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



43.4386, 37.7237, 26.2737



39.1250, 37.7237, 20.8421



34.2747, 37.7237, 20.0846

Triad

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



39.1250, 37.7237, 20.8421



27.4790, 37.7237, 45.8430



42.1449, 37.7237, 64.9634

Complementary

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



39.1250, 37.7237, 20.8421



29.4092, 31.8405, 59.8540

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.



37.4837, 37.7237, 73.1594



39.1250, 37.7237, 20.8421



29.2102, 37.7237, 60.5949

Square

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



39.1250, 37.7237, 20.8421



27.8330, 37.7237, 32.6359



32.7729, 37.7237, 71.4025



45.2875, 37.7237, 50.8555

Rectangle

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



39.1250, 37.7237, 20.8421



31.4217, 37.7237, 22.1027



32.7729, 37.7237, 71.4025



40.6873, 37.7237, 68.6302

Sweetspot

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



39.1259, 37.7255, 20.8429



85.1036, 87.9237, 81.4874



36.0785, 26.6624, 35.1434



17.8826, 18.4070, 16.5479



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.



39.1259, 37.7255, 20.8429



62.4832, 58.3366, 25.6885



47.9547, 55.3830, 23.7858



11.0647, 11.4985, 11.1990



18.1331, 13.7834, 1.7047



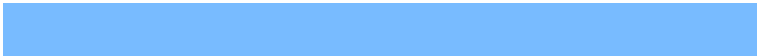
0.9310, 0.7975, 0.1049

Inverse Universe

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



29.4092, 31.8405, 59.8540



43.6341, 46.9206, 101.3646



23.2582, 19.5385, 57.8037



10.4874, 11.1489, 13.5167



9.6154, 8.6247, 35.9023



0.5277, 0.5533, 1.7241

Previews

White Background



This preview shows how the XYZ color 39.1250, 37.7237, 20.8421 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 39.1250, 37.7237, 20.8421 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 39.1250, 37.7237, 20.8421

Background



This preview shows how black text looks on a background with the XYZ color 39.1250, 37.7237, 20.8421.



This preview shows how white text looks on a background with the XYZ color 39.1250, 37.7237,

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

39.1250, 37.7237, 20.8421

Protanopia

35.1979, 37.7549, 21.9553

Deuteranopia

38.4962, 37.6517, 20.8613



Tritanopia

43.0418, 37.8637, 39.2223

Trichromacy



Original Color

39.1250, 37.7237, 20.8421

Protanomaly

36.5084, 37.6433, 21.5613

Deuteranomaly

38.7607, 37.7881, 20.8737

Tritanomaly

41.3271, 37.6335, 31.4714

Monochromacy



Original Color

39.1250, 37.7237, 20.8421

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4687, 37.3810, 32.4873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1250, 37.7237, 20.8421 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, 157, 113)` looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 113)  
}
```

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, 157, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 113) }
```

Border

The CSS property to change the border of an element to XYZ 39.1250, 37.7237, 20.8421 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, 157, 113) }
```


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

```
.border{ border-color:rgb(201, 157, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 157, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 157, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 157, 113);  
box-shadow:4px 4px 4px 4px rgb(201, 157,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1250, 37.7237, 20.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 113) }
```

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

```
.background{ background-color: rgb(201,  
157, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor