

Converting Colors

XYZ(37.9902, 34.9313, 20.4287)

Have a look what the booklet for
XYZ(37.9902, 34.9313, 20.4287)
contains.

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Color

**XYZ(37.9277, 34.9286,
20.3657)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9471
RGB	202, 148, 113
RGB Percent	79%, 58%, 44%
CMY	0.2078, 0.4196, 0.5569
CMYK	0.00, 0.27, 0.44, 0.21
HSL	24°, 46%, 62%
HSV	24°, 44%, 79%
XYZ	37.9277, 34.9286, 20.3657
YIQ	160.1560, 43.4190, 0.5630

Conversions

Conversions Part 2

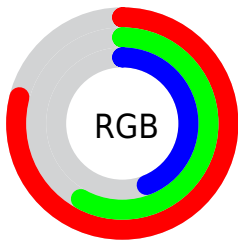
Format	Color
R _Y B	202, 171, 113
Decimal	13276273
CIE Lab	65.69, 15.98, 26.47
CIE LCh	66, 30.923, 58.877
Yxy	34.9286, 0.4069, 0.3747
Android (android.graphics.Color)	4291466353 (0xFFCA9471)
YUV	160.1560, -23.2479, 36.6972
Hunter-Lab	59.1004, 11.1266, 20.9393

Details

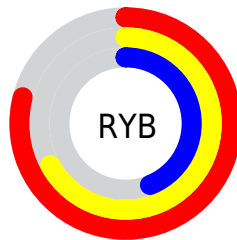
The XYZ color **37.9277, 34.9286, 20.3657** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.2890, 35.4112, 61.0631**, and the grayscale version is **33.5762, 35.3248, 38.4687**.

A 20% lighter version of the original color is **69.1521, 66.2177, 44.7339**, and **17.0829, 15.0420, 7.0041** is the 20% darker color. If you saturate the color by 10%, you get **35.0931, 30.8813, 14.4210**, and if you desaturate by 10%, it is **41.2207, 39.4876, 27.7127**.

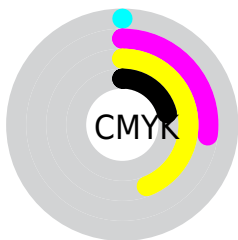
Distribution



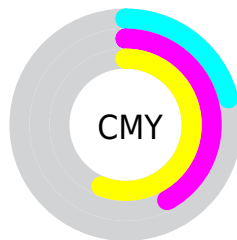
- Red (79%)
- Green (58%)
- Blue (44%)



- Red (79%)
- Yellow (67%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (21%)





- Cyan (21%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9277, 34.9286, 20.3657 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 37.9277, 34.9286, 20.3657 by changing the saturation by 10% instead.


 37.9277, 34.9286,
20.3657


 37.9277, 34.9286,
20.3657


328.5959,
324.2531, 266.5575

 26.1035, 23.6079,
12.4744


 71.3019, 67.3751,
44.8965


 17.0342, 15.0430,
6.9412


 93.5827, 89.2698,
62.3730

 10.3543, 8.8496,
3.3475


 120.0797,
115.4578, 83.8818

 5.6986, 4.6432,
1.2747

 151.1583,
146.3236, 109.8413

 2.7016, 2.0395,
0.0409

187.1839,
182.2517, 140.6701

 0.9980, 0.6303,
0.0000

228.5218,

 0.0000, 0.0000,

223.6264, 176.7867

0.0000

275.5374,
270.8320, 218.6096

■ 37.9277, 34.9286,
20.3657

■ 37.9277, 34.9286,
20.3657

■ 35.0931, 30.8813,
14.4210

■ 41.2207, 39.4876,
27.7127

■ 32.6911, 27.3213,
9.7848

■ 44.9910, 44.5715,
36.5430

■ 30.6967, 24.2294,
6.3553


■ 49.2594, 50.1991,
46.9342


■ 29.0809, 21.5827,
4.0140


■ 54.0446, 56.3870,
58.9575


■ 27.8098, 19.3557,
2.6182


■ 59.3645, 63.1508,
72.6798

 27.1855, 18.2134,
2.0827

 65.2357, 70.5053,
88.1644

 71.6745, 78.4652,
105.4711

 75.3772, 85.7167,
107.1799

 78.1671, 91.2966,
108.1099

Harmonies

Analogous

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



41.4615, 34.9286, 27.1718



37.9277, 34.9286, 20.3657



33.3703, 34.9286, 18.0823

Triad

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



37.9277, 34.9286, 20.3657



25.1993, 34.9286, 37.5424



37.6041, 34.9286, 64.4526

Complementary

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



37.9277, 34.9286, 20.3657



31.2890, 35.4112, 61.0631

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.



33.0274, 34.9286, 68.9748



37.9277, 34.9286, 20.3657



26.1136, 34.9286, 51.4560

Square

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



37.9277, 34.9286, 20.3657



26.2600, 34.9286, 26.4977



28.8799, 34.9286, 63.7572



41.2629, 34.9286, 52.5034

Rectangle

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



37.9277, 34.9286, 20.3657



30.4485, 34.9286, 18.9125



28.8799, 34.9286, 63.7572



36.1095, 34.9286, 66.9976

Sweetspot

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



37.9286, 34.9303, 20.3664



84.0810, 85.8785, 81.1465



37.3195, 27.1900, 40.2704



17.6310, 17.9038, 16.4640



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.



37.9286, 34.9303, 20.3664



59.5657, 52.5016, 24.7160



46.1035, 51.2801, 23.0914



11.5682, 11.9254, 11.7716



17.5748, 11.8825, 1.3673



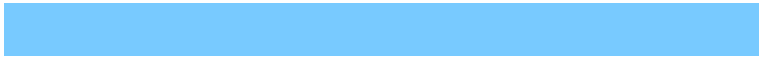
0.9800, 0.7597, 0.0950

Inverse Universe

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



31.2890, 35.4112, 61.0631



46.8590, 53.3706, 102.4396



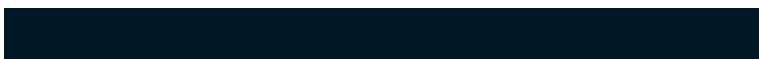
24.6017, 22.0366, 58.8340



11.1585, 11.9575, 14.2903



11.4710, 11.9661, 37.6614



0.6644, 0.7626, 1.9671

Previews

White Background



This preview shows how the XYZ color 37.9277, 34.9286, 20.3657 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 37.9277, 34.9286, 20.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

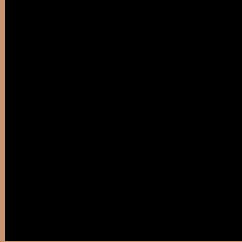
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9277, 34.9286, 20.3657

Background



This preview shows how black text looks on a background with the XYZ color 37.9277, 34.9286, 20.3657.



This preview shows how white text looks on a background with the XYZ color 37.9277, 34.9286,

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

37.9277, 34.9286, 20.3657

Protanopia

32.8541, 35.2203, 22.2061

Deuteranopia

35.5511, 34.8995, 20.1918



Tritanopia

41.0258, 35.0666, 34.7432

Trichromacy



Original Color

37.9277, 34.9286, 20.3657

Protanomaly

34.5693, 35.1052, 21.4770

Deuteranomaly

36.2394, 34.7724, 20.1310

Tritanomaly

39.8897, 35.0649, 28.7105

Monochromacy



Original Color

37.9277, 34.9286, 20.3657

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.5256, 34.8741, 30.8983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9277, 34.9286, 20.3657 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(202, 148, 113)` looks like.

```
.text, #text, p{  
    color:rgb(202, 148, 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(202, 148, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 148, 113) }
```

Border

The CSS property to change the border of an element to XYZ 37.9277, 34.9286, 20.3657 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(202, 148, 113) }
```


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

```
.border{ border-color:rgb(202, 148, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 148, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 148, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 148, 113);  
box-shadow:4px 4px 4px 4px rgb(202, 148,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9277, 34.9286, 20.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 148, 113) }
```

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

```
.background{ background-color: rgb(202,  
148, 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](#).

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