

Converting Colors

XYZ(41.6953, 40.0279, 37.8768)

Have a look what the booklet for
XYZ(41.6953, 40.0279, 37.8768)
contains.

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Color

**XYZ(41.5976, 39.9114,
37.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A29E
RGB	195, 162, 158
RGB Percent	76%, 64%, 62%
CMY	0.2353, 0.3647, 0.3804
CMYK	0.00, 0.17, 0.19, 0.24
HSL	6°, 24%, 69%
HSV	6°, 19%, 76%
XYZ	41.5976, 39.9114, 37.8590
YIQ	171.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

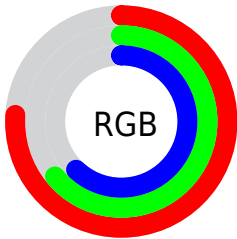
Format	Color
R_{YB}	195, 162, 158
Decimal	12821150
CIE _{Lab}	69.41, 11.49, 6.62
CIE _{LCh}	69, 13.256, 29.938
Yxy	39.9114, 0.3485, 0.3344
Android (android.graphics.Color)	4291011230 (0xFFC3A29E)
YUV	171.4110, -6.6116, 20.6876
Hunter-Lab	63.1755, 6.9754, 8.6923

Details

The XYZ color **41.5976, 39.9114, 37.8590** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5814, 48.4697, 58.7415**, and the grayscale version is **38.9411, 40.9691, 44.6154**.

A 20% lighter version of the original color is **76.9680, 75.1253, 73.3948**, and **19.2143, 17.8761, 16.3477** is the 20% darker color. If you saturate the color by 10%, you get **37.1963, 33.5850, 28.7575**, and if you desaturate by 10%, it is **46.6911, 47.1952, 48.5061**.

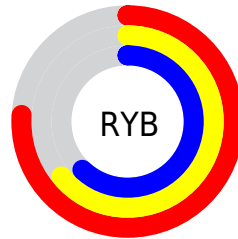
Distribution



Red (76%)

Green (64%)

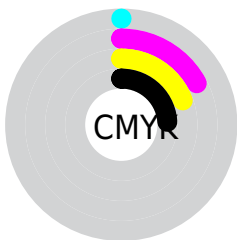
Blue (62%)



Red (76%)

Yellow (64%)

Blue (62%)

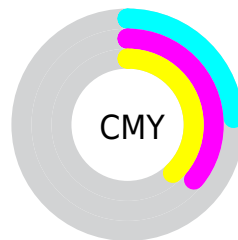


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5976, 39.9114, 37.8590 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 41.5976, 39.9114, 37.8590 by changing the saturation by 10% instead.


 41.5976, 39.9114,
37.8590


 41.5976, 39.9114,
37.8590


343.8322,
345.7500, 352.2948

 28.9761, 27.4695,
25.5723


 76.8592, 75.0286,
73.0930

 19.2069, 17.9261,
16.2811


 100.2300, 98.4726,
96.8774

 11.9248, 10.8970,
9.5667


127.9147,
126.3528, 125.3314

 6.7643, 5.9976,
5.0108

160.2784,
159.0536, 158.8735

 3.3602, 2.8436,
2.1948

197.6867,
196.9593, 197.9224

 1.3470, 1.0506,
0.6713

240.5049,

 0.2180, 0.0000,

240.4543, 242.8966

0.0000

289.0982,
289.9231, 294.2145

■ 0.0000, 0.0000,
0.0000

■ 41.5976, 39.9114,
37.8590

■ 41.5976, 39.9114,
37.8590

■ 37.1963, 33.5850,
28.7575

■ 46.6911, 47.1952,
48.5061

■ 33.4541, 28.1710,
21.1274

■ 52.5015, 55.4683,
60.7635

■ 30.3401, 23.6289,
14.8921

■ 59.0563, 64.7678,
74.6950

■ 27.8196, 19.9130,
9.9669

■ 66.3807, 75.1270,
90.3603

■ 25.8546, 16.9733,
6.2582

■ 74.4176, 86.5457,
107.3905

■ 24.4023, 14.7547,
3.6597

■ 76.3159, 90.3422,
108.0233

■ 23.4140, 13.1944,
2.0468

■ 22.8209, 12.2148,
1.2123

■ 22.7759, 12.1422,
1.1433

Harmonies

Analogous

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



42.1817, 39.9114, 43.4695



41.5976, 39.9114, 37.8590



40.0246, 39.9114, 34.0703

Triad

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



41.5976, 39.9114, 37.8590



34.4974, 39.9114, 37.8389



37.9301, 39.9114, 56.2808

Complementary

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



41.5976, 39.9114, 37.8590



42.5814, 48.4697, 58.7415

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.



35.9186, 39.9114, 54.4258



41.5976, 39.9114, 37.8590



33.9825, 39.9114, 43.4440

Square

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



41.5976, 39.9114, 37.8590



35.9261, 39.9114, 34.0595



34.4932, 39.9114, 49.5807



40.0166, 39.9114, 54.4407

Rectangle

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



41.5976, 39.9114, 37.8590



38.6551, 39.9114, 32.8953



34.4932, 39.9114, 49.5807



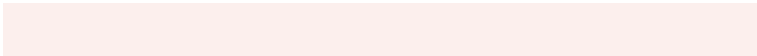
37.2231, 39.9114, 56.0666

Sweetspot

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



41.5987, 39.9132, 37.8598



86.4880, 88.6108, 92.8982



44.1700, 39.8312, 54.8241



18.7927, 19.1950, 20.0338



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.



41.5987, 39.9132, 37.8598



70.8988, 66.3113, 60.3294



45.0394, 46.7946, 39.0067



10.1590, 10.2494, 10.5048



14.8339, 7.9536, 0.7534



0.6709, 0.4037, 0.0426

Inverse Universe

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



42.5814, 48.4697, 58.7415



72.9962, 84.5907, 104.9501



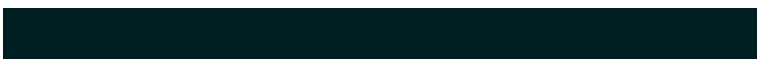
38.8566, 41.0203, 57.4999



10.2725, 11.2362, 12.9122



16.2647, 22.2860, 37.0010



0.7299, 1.0172, 1.6078

Previews

White Background



This preview shows how the XYZ color 41.5976, 39.9114, 37.8590 looks on a white background.

Color Contrast Check

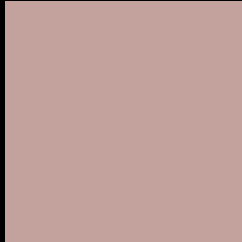
Large Text (above 18pt) WCAG AA × Fail

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 41.5976, 39.9114, 37.8590 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 41.5976, 39.9114, 37.8590

Background



This preview shows how black text looks on a background with the XYZ color 41.5976, 39.9114, 37.8590.



This preview shows how white text looks on a background with the XYZ color 41.5976, 39.9114,

37.8590.

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

41.5976, 39.9114, 37.8590

Protanopia

38.3888, 40.0985, 39.8989

Deuteranopia

40.9329, 40.0959, 37.9296



Tritanopia

43.0432, 39.9905, 44.4800

Trichromacy



Original Color

41.5976, 39.9114, 37.8590

Protanomaly

39.3606, 39.7907, 39.3241

Deuteranomaly

41.0070, 39.8695, 37.8820

Tritanomaly

42.4849, 40.0155, 42.0438

Monochromacy



Original Color

41.5976, 39.9114, 37.8590

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.7080, 40.4617, 41.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5976, 39.9114, 37.8590 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(195, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 158)  
}
```

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(195, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 41.5976, 39.9114, 37.8590 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(195, 162, 158) }
```


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

```
.border{ border-color:rgb(195, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 162, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 162, 158); box-shadow:4px 4px 4px 4px rgb(195, 162, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5976, 39.9114, 37.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 158) }
```

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

```
.background{ background-color: rgb(195,  
162, 158) }
```

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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