

# Converting Colors

XYZ(37.9005, 36.2192, 26.4662)

Have a look what the booklet for  
XYZ(37.9005, 36.2192, 26.4662)  
contains.

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# Color

**XYZ(37.9005, 36.2192,  
26.4662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C29A83
RGB	194, 154, 131
RGB Percent	76%, 60%, 51%
CMY	0.2392, 0.3961, 0.4863
CMYK	0.00, 0.21, 0.32, 0.24
HSL	22°, 34%, 64%
HSV	22°, 32%, 76%
XYZ	37.9005, 36.2192, 26.4662
YIQ	163.3380, 31.2230, 1.3270

# Conversions

## Conversions Part 2

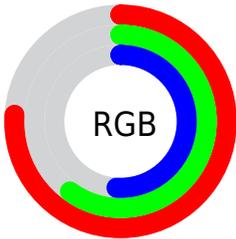
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 167, 131</a>
Decimal	<a href="#">12753539</a>
CIELab	<a href="#">66.69, 11.61, 17.75</a>
CIELCh	<a href="#">67, 21.208, 56.805</a>
Yxy	<a href="#">36.2192, 0.3768, 0.3601</a>
Android (android.graphics.Color)	<a href="#">4290943619</a> (0xFFC29A83)
YUV	<a href="#">163.3380, -15.9426, 26.8906</a>
Hunter-Lab	<a href="#">60.1824, 7.0931, 16.0539</a>

# Details

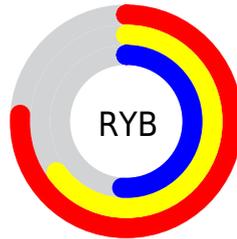
The XYZ color **37.9005, 36.2192, 26.4662** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.6603, 37.8451, 56.5699**, and the grayscale version is **35.0360, 36.8606, 40.1412**.

A 20% lighter version of the original color is **70.9913, 69.0817, 54.9399**, and **17.0207, 15.7987, 10.1350** is the 20% darker color. If you saturate the color by 10%, you get **34.7774, 31.8838, 19.5343**, and if you desaturate by 10%, it is **41.4803, 41.0737, 34.7657**.

# Distribution



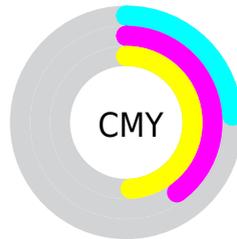
- Red (76%)
- Green (60%)
- Blue (51%)



- Red (76%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (24%)



- Cyan (24%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9005, 36.2192, 26.4662 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 37.9005, 36.2192, 26.4662 by changing the saturation by 10% instead.

 37.9005, 36.2192,  
26.4662

 37.9005, 36.2192,  
26.4662

328.4812,  
329.9176, 298.7412

 26.0823, 24.6035,  
16.9438

 71.2605, 69.3703,  
55.0194

 17.0183, 15.7819,  
10.0329

 93.5330, 91.6744,  
74.8873

 10.3429, 9.3700,  
5.3149

 120.0211,  
118.3103, 99.0408

 5.6909, 4.9833,  
2.3712

151.0899,  
149.6621, 127.8984

 2.6969, 2.2375,  
0.7707

187.1051,  
186.1144, 161.8787

 0.9956, 0.7403,  
0.0000

228.4317,

 0.0000, 0.0000,

228.0514, 201.4003

0.0000

275.4353,  
275.8577, 246.8816

■ 37.9005, 36.2192,  
26.4662

■ 37.9005, 36.2192,  
26.4662

■ 34.7774, 31.8838,  
19.5343

■ 41.4803, 41.0737,  
34.7657

■ 32.0882, 28.0443,  
13.8933

■ 45.5327, 46.4592,  
44.4995

■ 29.8120, 24.6834,  
9.4619

■ 50.0761, 52.3937,  
55.7326

■ 27.9252, 21.7803,  
6.1490

■ 55.1273, 58.8927,  
68.5252

■ 26.4009, 19.3127,  
3.8497

■ 60.7021, 65.9710,  
82.9343

 25.2081, 17.2557,  
2.4393

 66.8154, 73.6429,  
99.0139

 24.4911, 15.9552,  
1.7888

 71.5228, 81.1386,  
106.4994

 75.2770, 88.6469,  
107.7508

 76.0582, 90.2094,  
108.0112

# Harmonies

## Analogous

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



40.2066, 36.2192, 32.0203



37.9005, 36.2192, 26.4662



34.7689, 36.2192, 24.3450

# Triad

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



37.9005, 36.2192, 26.4662



28.6468, 36.2192, 38.4639



37.2716, 36.2192, 57.3229

# Complementary

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



37.9005, 36.2192, 26.4662



33.6603, 37.8451, 56.5699

# 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.



34.0839, 36.2192, 59.7480



37.9005, 36.2192, 26.4662



29.2265, 36.2192, 47.9176

# Square

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



37.9005, 36.2192, 26.4662



29.5346, 36.2192, 30.5645



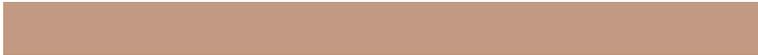
31.1692, 36.2192, 56.0736



39.8280, 36.2192, 49.8781

# Rectangle

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



37.9005, 36.2192, 26.4662



32.6789, 36.2192, 24.8739



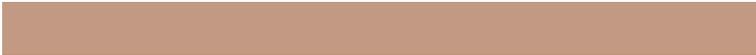
31.1692, 36.2192, 56.0736



36.2327, 36.2192, 58.7977

# Sweetspot

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



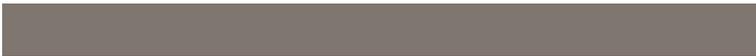
37.9014, 36.2209, 26.4669



84.3189, 86.5717, 85.0874



37.8064, 30.6790, 42.9339



18.2162, 18.6315, 18.0238



0.0000, 0.0000, 0.0000

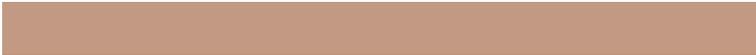


20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9014, 36.2209, 26.4669



64.5418, 59.9153, 38.7325



43.6001, 47.6183, 28.3665



10.3676, 10.6666, 10.5743



16.1740, 10.6338, 1.2001



0.7648, 0.5913, 0.0738



# Inverse Universe

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



33.6603, 37.8451, 56.5699



55.6517, 63.2947, 101.7537



28.5421, 27.6088, 54.8638



10.0493, 10.7899, 12.8378



11.1526, 12.0617, 35.2970

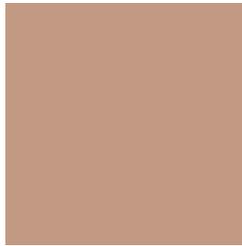


0.5456, 0.6487, 1.5463



# Previews

## White Background



This preview shows how the XYZ color 37.9005, 36.2192, 26.4662 looks on a white background.

## Color Contrast Check

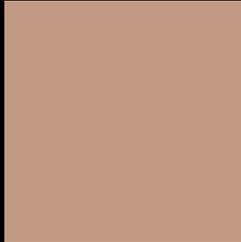
Large Text (above 18pt) WCAG AA × Fail

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 37.9005, 36.2192, 26.4662 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 37.9005, 36.2192, 26.4662**

## **Background**



This preview shows how black text looks on a background with the XYZ color 37.9005, 36.2192, 26.4662.



This preview shows how white text looks on a background with the XYZ color 37.9005, 36.2192,

26.4662.

# 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

37.9005, 36.2192, 26.4662

### Protanopia

34.3068, 36.3606, 28.1318

### Deuteranopia

36.9715, 36.2344, 26.5181



## Tritanopia

40.3653, 36.2562, 38.5889

# Trichromacy



## Original Color

37.9005, 36.2192, 26.4662

## Protanomaly

35.5236, 36.2208, 27.6733

## Deuteranomaly

37.3039, 36.1577, 26.4857

## Tritanomaly

39.3366, 36.0710, 33.7433

# Monochromacy



## Original Color

37.9005, 36.2192, 26.4662

## Achromatopsia

34.8123, 36.6253, 39.8849

## Achromatomaly

35.6123, 36.3746, 34.4222

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 37.9005, 36.2192, 26.4662 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(194, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(194, 154, 131)  
}
```

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(194, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 154, 131) }
```

## Border

The CSS property to change the border of an element to XYZ 37.9005, 36.2192, 26.4662 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(194, 154, 131) }
```

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

```
.border{ border-color:rgb(194, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(194, 154,  
131) }
```

# Background

The CSS property to change the background color of an element to XYZ 37.9005, 36.2192, 26.4662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 154, 131) }
```

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

```
.background{ background-color: rgb(194,  
154, 131) }
```

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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