

Converting Colors

XYZ(37.8147, 35.1461, 29.2169)

Have a look what the booklet for
XYZ(37.8147, 35.1461, 29.2169)
contains.

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Color

**XYZ(37.8147, 35.1461,
29.2169)**

Conversions

Conversions Part 1

Format	Color
Hex	C2968B
RGB	194, 150, 139
RGB Percent	76%, 59%, 55%
CMY	0.2392, 0.4117, 0.4549
CMYK	0.00, 0.23, 0.28, 0.24
HSL	12°, 31%, 65%
HSV	12°, 28%, 76%
XYZ	37.8147, 35.1461, 29.2169
YIQ	161.9020, 29.7550, 5.9070

Conversions

Conversions Part 2

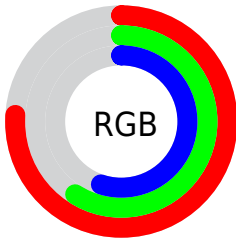
Format	Color
R _Y B	194, 153, 139
Decimal	12752523
CIE Lab	65.86, 14.89, 12.14
CIE LCh	66, 19.212, 39.200
Yxy	35.1461, 0.3701, 0.3440
Android (android.graphics.Color)	4290942603 (0xFFC2968B)
YUV	161.9020, -11.2907, 28.1499
Hunter-Lab	59.2841, 10.1099, 12.2791

Details

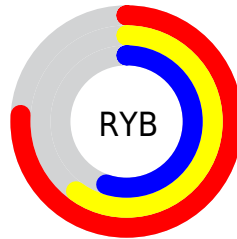
The XYZ color **37.8147, 35.1461, 29.2169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3181, 43.2497, 57.4203**, and the grayscale version is **34.3390, 36.1273, 39.3426**.

A 20% lighter version of the original color is **70.8910, 67.5007, 59.1618**, and **16.9125, 15.1339, 11.4809** is the 20% darker color. If you saturate the color by 10%, you get **34.2067, 30.0007, 21.6305**, and if you desaturate by 10%, it is **42.0041, 41.0514, 38.2389**.

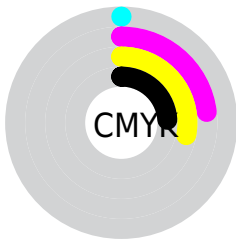
Distribution



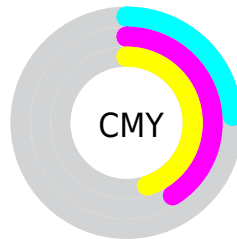
- Red (76%)
- Green (59%)
- Blue (55%)



- Red (76%)
- Yellow (60%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8147, 35.1461, 29.2169 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 37.8147, 35.1461, 29.2169 by changing the saturation by 10% instead.


 37.8147, 35.1461,
29.2169


 37.8147, 35.1461,
29.2169


328.1190,
325.2127, 312.3299


 26.0155, 23.7754,
18.9980

 71.1298, 67.7120,
59.4678

 16.9680, 15.1671,
11.4920


 93.3763, 89.6761,
80.3369

 10.3068, 8.9368,
6.2805


 119.8360,
115.9401, 105.5931

 5.6667, 4.7000,
2.9448

150.8742,
146.8884, 135.6549

 2.6822, 2.0723,
1.0665

186.8562,
182.9054, 170.9410

 0.9880, 0.6490,
0.0000

228.1475,

 0.0000, 0.0000,

224.3756, 211.8698

0.0000

275.1133,
271.6832, 258.8599

■ 37.8147, 35.1461,
29.2169

■ 37.8147, 35.1461,
29.2169

■ 34.2067, 30.0007,
21.6305

■ 42.0041, 41.0514,
38.2389

■ 31.1512, 25.5793,
15.4031

■ 46.7966, 47.7407,
48.7633

■ 28.6210, 21.8505,
10.4546

■ 52.2160, 55.2432,
60.8552

■ 26.5854, 18.7786,
6.6952

■ 58.2842, 63.5851,
74.5753

■ 25.0102, 16.3247,
4.0234

■ 65.0217, 72.7916,
89.9810

■ 23.8568, 14.4453,
2.3206

■ 72.3838, 82.8605,
106.7864

■ 23.0717, 13.0883,
1.4022

■ 76.0582, 90.2094,
108.0112

■ 22.9676, 12.9082,
1.2810

Harmonies

Analogous

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



39.0862, 35.1461, 35.8238



37.8147, 35.1461, 29.2169



35.3807, 35.1461, 25.4398

Triad

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



37.8147, 35.1461, 29.2169



28.5597, 35.1461, 32.9827



34.2853, 35.1461, 55.8595

Complementary

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



37.8147, 35.1461, 29.2169



37.3181, 43.2497, 57.4203

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.



31.5049, 35.1461, 54.8141



37.8147, 35.1461, 29.2169



28.3034, 35.1461, 40.8212

Square

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



37.8147, 35.1461, 29.2169



30.0740, 35.1461, 27.3906



29.3528, 35.1461, 49.0187



36.9739, 35.1461, 51.7005

Rectangle

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



37.8147, 35.1461, 29.2169



33.4816, 35.1461, 24.6730



29.3528, 35.1461, 49.0187



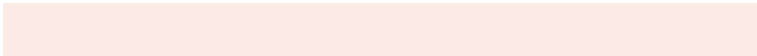
33.3291, 35.1461, 56.1166

Sweetspot

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



37.8156, 35.1477, 29.2176



84.0542, 85.4800, 86.7331



40.0283, 33.3539, 49.1283



18.1123, 18.3092, 18.3428



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.



37.8156, 35.1477, 29.2176



64.3446, 57.7491, 44.1292



42.7297, 44.9759, 30.8556



10.2328, 10.3970, 10.5294



15.1478, 8.5814, 0.8580



0.7040, 0.4698, 0.0536

Inverse Universe

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



37.3181, 43.2497, 57.4203



63.2855, 74.8063, 103.5733



32.1902, 32.9939, 55.7110



10.1918, 11.0750, 12.8854



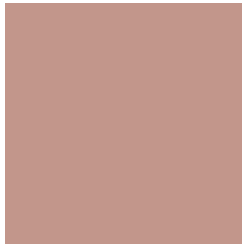
14.1879, 18.1323, 36.3087



0.6576, 0.8726, 1.5836

Previews

White Background



This preview shows how the XYZ color 37.8147, 35.1461, 29.2169 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 37.8147, 35.1461, 29.2169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

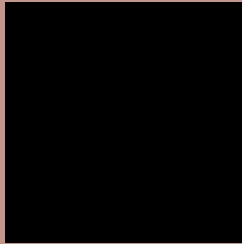
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8147, 35.1461, 29.2169

Background



This preview shows how black text looks on a background with the XYZ color 37.8147, 35.1461, 29.2169.



This preview shows how white text looks on a background with the XYZ color 37.8147, 35.1461,

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

37.8147, 35.1461, 29.2169

Protanopia

33.5412, 35.3707, 31.4450

Deuteranopia

35.9102, 35.1365, 28.9341



Tritanopia

39.3702, 35.0718, 37.0423

Trichromacy



Original Color

37.8147, 35.1461, 29.2169

Protanomaly

34.9024, 35.0770, 30.5222

Deuteranomaly

36.7177, 35.3088, 28.9248

Tritanomaly

38.6815, 35.0163, 33.9982

Monochromacy



Original Color

37.8147, 35.1461, 29.2169

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.5152, 35.7855, 35.6073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8147, 35.1461, 29.2169 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, 150, 139)` looks like.

```
.text, #text, p{  
    color:rgb(194, 150, 139)  
}
```

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, 150, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 150, 139) }
```

Border

The CSS property to change the border of an element to XYZ 37.8147, 35.1461, 29.2169 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, 150, 139) }
```


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

```
.border{ border-color:rgb(194, 150, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 150, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 150, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 150, 139);  
box-shadow:4px 4px 4px 4px rgb(194, 150,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8147, 35.1461, 29.2169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 150, 139) }
```

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

```
.background{ background-color: rgb(194,  
150, 139) }
```

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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