

Converting Colors

XYZ(37.1156, 31.4690, 27.0038)

Have a look what the booklet for
XYZ(37.1156, 31.4690, 27.0038)
contains.

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Color

**XYZ(37.1245, 31.4947,
27.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	C98787
RGB	201, 135, 135
RGB Percent	79%, 53%, 53%
CMY	0.2118, 0.4706, 0.4706
CMYK	0.00, 0.33, 0.33, 0.21
HSL	0°, 38%, 66%
HSV	0°, 33%, 79%
XYZ	37.1245, 31.4947, 27.0441
YIQ	154.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

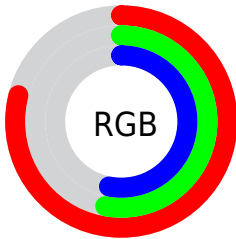
Format	Color
R_{YB}	201, 135, 135
Decimal	13207431
CIE _{Lab}	62.92, 25.31, 10.36
CIE _{LCh}	63, 27.343, 22.254
Yxy	31.4947, 0.3881, 0.3292
Android (android.graphics.Color)	4291397511 (0xFFC98787)
YUV	154.7340, -9.7289, 40.5753
Hunter-Lab	56.1201, 19.8708, 10.7125

Details

The XYZ color **37.1245, 31.4947, 27.0441** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4201, 51.1393, 62.9461**, and the grayscale version is **31.0683, 32.6863, 35.5954**.

A 20% lighter version of the original color is **68.5147, 61.2860, 55.7952**, and **16.4871, 13.0163, 10.2378** is the 20% darker color. If you saturate the color by 10%, you get **33.2963, 25.8932, 19.4328**, and if you desaturate by 10%, it is **41.7509, 38.2648, 36.2402**.

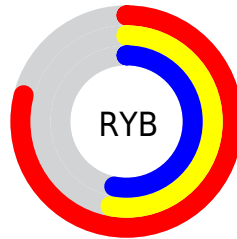
Distribution



Red (79%)

Green (53%)

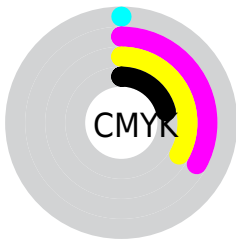
Blue (53%)



Red (79%)

Yellow (53%)

Blue (53%)

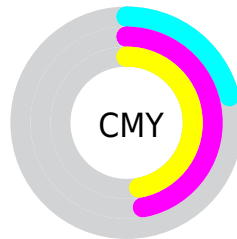


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1245, 31.4947, 27.0441 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 37.1245, 31.4947, 27.0441 by changing the saturation by 10% instead.


 37.1245, 31.4947,
27.0441


 37.1245, 31.4947,
27.0441


325.1954,
308.8110, 301.6375


 25.4780, 20.9758,
17.3736


 70.0768, 62.0181,
55.9592

 16.5642, 13.1063,
10.3365


 92.1134, 82.7914,
76.0409

 10.0176, 7.5018,
5.5141


 118.3440,
107.7517, 100.4302

 5.4730, 3.7779,
2.4880

149.1340,
137.2833, 129.5454

 2.5650, 1.5501,
0.8338

184.8488,
171.7706, 163.8052

 0.9281, 0.3236,
0.0000

225.8537,

 0.0000, 0.0000,

211.5981, 203.6281

0.0000

272.5141,
257.1501, 249.4327

■ 37.1245, 31.4947,
27.0441

■ 37.1245, 31.4947,
27.0441

■ 33.2963, 25.8932,
19.4328

■ 41.7509, 38.2648,
36.2402

■ 30.2188, 21.3899,
13.3151

■ 47.2145, 46.2595,
47.1016

■ 27.8436, 17.9142,
8.5934

■ 53.5545, 55.5367,
59.7054

■ 26.1152, 15.3850,
5.1577

■ 60.8072, 66.1494,
74.1237

■ 24.9702, 13.7094,
2.8817

■ 69.0067, 78.1474,
90.4243

■ 24.3320, 12.7756,
1.6134

■ 77.8974, 91.1575,
108.0973

■ 24.0875, 12.4178,
1.1273

Harmonies

Analogous

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



37.6718, 31.4947, 37.1546



37.1245, 31.4947, 27.0441



34.5744, 31.4947, 20.4059

Triad

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



37.1245, 31.4947, 27.0441



24.5822, 31.4947, 23.1305



28.9724, 31.4947, 59.1250

Complementary

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



37.1245, 31.4947, 27.0441



41.4201, 51.1393, 62.9461

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.



25.7300, 31.4947, 53.3734



37.1245, 31.4947, 27.0441



23.3370, 31.4947, 31.5810

Square

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



37.1245, 31.4947, 27.0441



27.2835, 31.4947, 18.4976



23.7389, 31.4947, 42.7322



32.7525, 31.4947, 57.2034

Rectangle

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



37.1245, 31.4947, 27.0441



32.1891, 31.4947, 18.1314



23.7389, 31.4947, 42.7322



27.7882, 31.4947, 57.9893

Sweetspot

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



37.1253, 31.4962, 27.0447



83.6111, 83.2617, 86.1596



43.2941, 33.9628, 59.5319



17.5792, 17.3576, 17.8115



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.



37.1253, 31.4962, 27.0447



59.0168, 47.2734, 37.2672



42.4634, 42.1723, 28.8241



10.6340, 10.6371, 11.0554



15.1454, 7.8079, 0.7088



0.7172, 0.3697, 0.0336

Inverse Universe

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



41.4201, 51.1393, 62.9461



67.4314, 85.7591, 107.6069



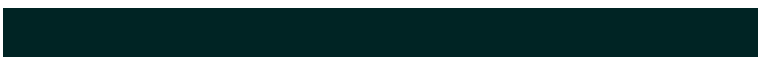
34.5372, 37.3735, 60.6518



10.9467, 12.0675, 13.6698



19.7597, 28.9133, 39.2837



0.9356, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 37.1245, 31.4947, 27.0441 looks on a white background.

Color Contrast Check

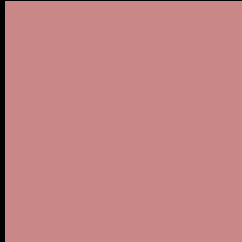
Large Text (above 18pt) WCAG AA × Fail

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 37.1245, 31.4947, 27.0441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

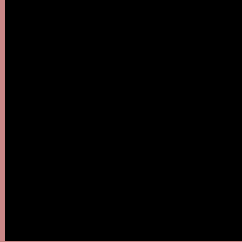
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1245, 31.4947, 27.0441

Background



This preview shows how black text looks on a background with the XYZ color 37.1245, 31.4947, 27.0441.



This preview shows how white text looks on a background with the XYZ color 37.1245, 31.4947,

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

37.1245, 31.4947, 27.0441

Protanopia

30.1669, 31.6382, 30.9024

Deuteranopia

32.1229, 31.5596, 26.5888



Tritanopia

37.9163, 31.6204, 30.4905

Trichromacy



Original Color

37.1245, 31.4947, 27.0441

Protanomaly

32.3202, 31.3651, 29.5499

Deuteranomaly

33.8927, 31.5565, 26.8589

Tritanomaly

37.6899, 31.5298, 29.2987

Monochromacy



Original Color

37.1245, 31.4947, 27.0441

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.9485, 32.0886, 32.4741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1245, 31.4947, 27.0441 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, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(201, 135, 135)  
}
```

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, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 37.1245, 31.4947, 27.0441 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, 135, 135) }
```


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

```
.border{ border-color:rgb(201, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(201, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1245, 31.4947, 27.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 135, 135) }
```

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

```
.background{ background-color: rgb(201,  
135, 135) }
```

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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