

Converting Colors

XYZ(43.0849, 36.6183, 31.5986)

Have a look what the booklet for
XYZ(43.0849, 36.6183, 31.5986)
contains.

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Color

**XYZ(42.9678, 36.5913,
31.5862)**

Conversions

Conversions Part 1

Format	Color
Hex	D69191
RGB	214, 145, 145
RGB Percent	84%, 57%, 57%
CMY	0.1608, 0.4314, 0.4314
CMYK	0.00, 0.32, 0.32, 0.16
HSL	0°, 46%, 70%
HSV	0°, 32%, 84%
XYZ	42.9678, 36.5913, 31.5862
YIQ	165.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

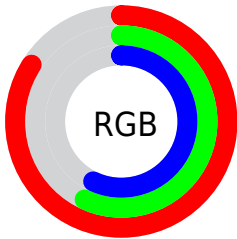
Format	Color
R _Y B	214, 145, 145
Decimal	14061969
CIE Lab	66.97, 26.11, 10.65
CIE LCh	67, 28.205, 22.194
Yxy	36.5913, 0.3866, 0.3292
Android (android.graphics.Color)	4292252049 (0xFFD69191)
YUV	165.6310, -10.1711, 42.4196
Hunter-Lab	60.4907, 20.9334, 11.3843

Details

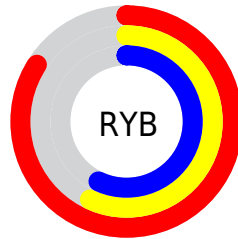
The XYZ color **42.9678, 36.5913, 31.5862** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8603, 58.9657, 72.4775**, and the grayscale version is **36.1019, 37.9820, 41.3624**.

A 20% lighter version of the original color is **71.9722, 66.2304, 63.0232**, and **19.9729, 15.9997, 12.8620** is the 20% darker color. If you saturate the color by 10%, you get **38.5030, 30.0583, 22.7093**, and if you desaturate by 10%, it is **48.3612, 44.4837, 42.3069**.

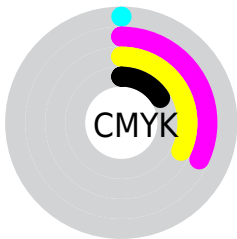
Distribution



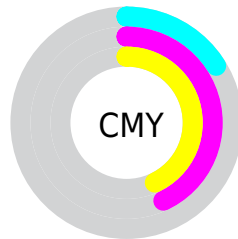
- Red (84%)
- Green (57%)
- Blue (57%)



- Red (84%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (16%)



- Cyan (16%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9678, 36.5913, 31.5862 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 42.9678, 36.5913, 31.5862 by changing the saturation by 10% instead.

42.9678, 36.5913,
31.5862

42.9678, 36.5913,
31.5862

349.4031,
331.5377, 323.6644

30.0543, 24.8912,
20.7834

78.9183, 69.9438,
63.2522

20.0281, 15.9960,
12.7761

102.6859, 92.3649,
84.9524

12.5238, 9.5213,
7.1456

130.8023,
119.1285, 111.1223

7.1762, 5.0828,
3.4735

163.6329,
150.6190, 142.1803

3.6199, 2.2959,
1.3412

201.5428,
187.2208, 178.5450

1.4894, 0.7715,
0.0952

244.8976,

0.3186, 0.0000,

229.3182, 220.6348

0.0000

294.0626,
277.2957, 268.8685

■ 0.0000, 0.0000,
0.0000

■ 42.9678, 36.5913,
31.5862

■ 42.9678, 36.5913,
31.5862

■ 38.5030, 30.0583,
22.7093

■ 48.3612, 44.4837,
42.3069

■ 34.9117, 24.8032,
15.5701

■ 54.7284, 53.8007,
54.9646

■ 32.1377, 20.7439,
10.0556

■ 62.1150, 64.6094,
69.6492

■ 30.1167, 17.7865,
6.0382

■ 70.5632, 76.9713,
86.4441

■ 28.7750, 15.8232,
3.3714

■ 80.1124, 90.9444,
105.4280

■ 28.0242, 14.7244,
1.8791

■ 81.5416, 93.0362,
108.2678

■ 27.7318, 14.2965,
1.2979

Harmonies

Analogous

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



43.5849, 36.5913, 43.1288



42.9678, 36.5913, 31.5862



40.0708, 36.5913, 23.9721

Triad

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



42.9678, 36.5913, 31.5862



28.6742, 36.5913, 27.0715



33.6733, 36.5913, 68.0472

Complementary

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



42.9678, 36.5913, 31.5862



47.8603, 58.9657, 72.4775

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.



29.9748, 36.5913, 61.5123



42.9678, 36.5913, 31.5862



27.2469, 36.5913, 36.7260

Square

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



42.9678, 36.5913, 31.5862



31.7623, 36.5913, 21.7626



27.7028, 36.5913, 49.4232



37.9808, 36.5913, 65.8877

Rectangle

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



42.9678, 36.5913, 31.5862



37.3564, 36.5913, 21.3528



27.7028, 36.5913, 49.4232



32.3229, 36.5913, 66.7546

Sweetspot

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



42.9688, 36.5931, 31.5869



83.6111, 83.2618, 86.1597



49.9948, 39.4023, 68.5888



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.



42.9688, 36.5931, 31.5869



59.0169, 47.2735, 37.2672



49.0631, 48.7818, 33.6184



12.4234, 12.4210, 12.9034



16.7621, 8.6413, 0.7845



1.0110, 0.5213, 0.0473

Inverse Universe

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



47.8603, 58.9657, 72.4775



67.4312, 85.7588, 107.6068



40.0355, 43.3161, 69.8692



12.7922, 14.1078, 15.9864



21.8688, 31.9994, 43.4770



1.3190, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 42.9678, 36.5913, 31.5862 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 42.9678, 36.5913, 31.5862 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 42.9678, 36.5913, 31.5862

Background



This preview shows how black text looks on a background with the XYZ color 42.9678, 36.5913, 31.5862.



This preview shows how white text looks on a background with the XYZ color 42.9678, 36.5913,

31.5862.

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

42.9678, 36.5913, 31.5862

Protanopia

35.0784, 36.8523, 35.8362

Deuteranopia

37.5084, 36.6619, 31.0861



Tritanopia

43.8303, 36.7267, 35.3507

Trichromacy



Original Color

42.9678, 36.5913, 31.5862

Protanomaly

37.4820, 36.3256, 34.3142

Deuteranomaly

39.4512, 36.6664, 31.3836

Tritanomaly

43.5835, 36.6280, 34.0510

Monochromacy



Original Color

42.9678, 36.5913, 31.5862

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.9269, 36.9896, 37.4885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9678, 36.5913, 31.5862 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(214, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(214, 145, 145)  
}
```

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(214, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 42.9678, 36.5913, 31.5862 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(214, 145, 145) }
```


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

```
.border{ border-color:rgb(214, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(214, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9678, 36.5913, 31.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 145, 145) }
```

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

```
.background{ background-color: rgb(214,  
145, 145) }
```

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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