

Converting Colors

XYZ(42.3700, 36.2135, 31.3666)

Have a look what the booklet for
XYZ(42.3700, 36.2135, 31.3666)
contains.

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Color

**XYZ(42.3876, 36.2922,
31.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	D49191
RGB	212, 145, 145
RGB Percent	83%, 57%, 57%
CMY	0.1686, 0.4314, 0.4314
CMYK	0.00, 0.32, 0.32, 0.17
HSL	0°, 44%, 70%
HSV	0°, 32%, 83%
XYZ	42.3876, 36.2922, 31.5591
YIQ	165.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

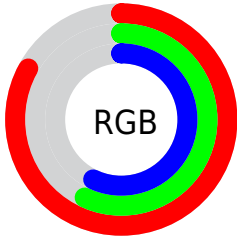
Format	Color
R _Y B	212, 145, 145
Decimal	13930897
CIE Lab	66.74, 25.36, 10.30
CIE LCh	67, 27.369, 22.109
Yxy	36.2922, 0.3845, 0.3292
Android (android.graphics.Color)	4292120977 (0xFFD49191)
YUV	165.0330, -9.8763, 41.1901
Hunter-Lab	60.2430, 20.1692, 11.1103

Details

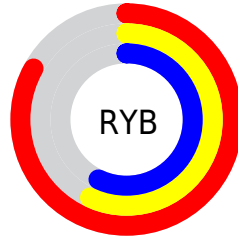
The XYZ color **42.3876, 36.2922, 31.5591** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1033, 57.8581, 70.9725**, and the grayscale version is **35.8133, 37.6784, 41.0318**.

A 20% lighter version of the original color is **71.9722, 66.2304, 63.0232**, and **19.7786, 15.8996, 12.8529** is the 20% darker color. If you saturate the color by 10%, you get **37.9604, 29.8142, 22.7569**, and if you desaturate by 10%, it is **47.7262, 44.1044, 42.1707**.

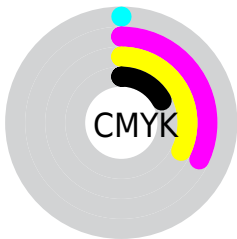
Distribution



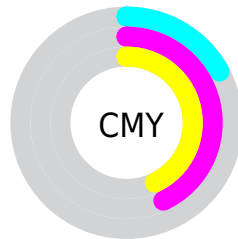
- Red (83%)
- Green (57%)
- Blue (57%)



- Red (83%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3876, 36.2922, 31.5591 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 42.3876, 36.2922, 31.5591 by changing the saturation by 10% instead.


 42.3876, 36.2922,
31.5591


 42.3876, 36.2922,
31.5591


347.0515,
330.2359, 323.5365

 29.5973, 24.6600,
20.7629


 78.0474, 69.4828,
63.2091

 19.6797, 15.8239,
12.7613


 101.6476, 91.8100,
84.9000

 12.2693, 9.3996,
7.1356


129.5819,
118.4709, 111.0596

 7.0009, 5.0027,
3.4673

162.2156,
149.8500, 142.1064

 3.5090, 2.2489,
1.3379

199.9141,
186.3317, 178.4590

 1.4283, 0.7464,
0.0926

243.0427,

 0.2763, 0.0000,

228.3003, 220.5358

0.0000

291.9667,
276.1402, 268.7555

■ 0.0000, 0.0000,
0.0000

■ 42.3876, 36.2922,
31.5591

■ 42.3876, 36.2922,
31.5591

■ 37.9604, 29.8142,
22.7569

■ 47.7262, 44.1044,
42.1707

■ 34.3910, 24.5911,
15.6612

■ 54.0199, 53.3139,
54.6826

■ 31.6247, 20.5431,
10.1621

■ 61.3135, 63.9863,
69.1820

■ 29.5993, 17.5793,
6.1360

■ 69.6476, 76.1814,
85.7502

■ 28.2436, 15.5954,
3.4412

■ 79.0609, 89.9556,
104.4639

■ 27.4723, 14.4667,
1.9082

■ 80.9614, 92.7371,
108.2407

■ 27.1515, 13.9974,
1.2707

Harmonies

Analogous

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



42.9740, 36.2922, 42.7213



42.3876, 36.2922, 31.5591



39.6054, 36.2922, 24.1475

Triad

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



42.3876, 36.2922, 31.5591



28.5993, 36.2922, 27.1291



33.4159, 36.2922, 66.5967

Complementary

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



42.3876, 36.2922, 31.5591



47.1033, 57.8581, 70.9725

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.



29.8436, 36.2922, 60.3197



42.3876, 36.2922, 31.5591



27.2112, 36.2922, 36.4753

Square

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



42.3876, 36.2922, 31.5591



31.5912, 36.2922, 21.9682



27.6479, 36.2922, 48.7092



37.5708, 36.2922, 64.5544

Rectangle

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



42.3876, 36.2922, 31.5591



36.9922, 36.2922, 21.5833



27.6479, 36.2922, 48.7092



32.1121, 36.2922, 65.3520

Sweetspot

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



42.3886, 36.2939, 31.5598



84.6837, 84.8313, 88.2919



49.1606, 39.0017, 67.2244



17.7929, 17.6702, 18.2363



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.



42.3886, 36.2939, 31.5598



59.6652, 48.2221, 38.5560



48.2825, 48.0818, 33.5245



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.



47.1033, 57.8581, 70.9725



67.9282, 86.0151, 107.6301



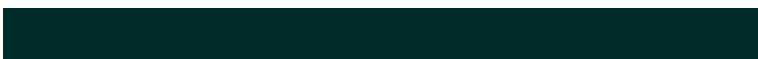
39.5811, 42.8137, 68.4651



12.7922, 14.1078, 15.9864



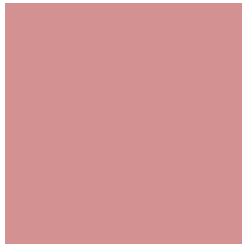
21.8688, 31.9994, 43.4771



1.3190, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 42.3876, 36.2922, 31.5591 looks on a white background.

Color Contrast Check

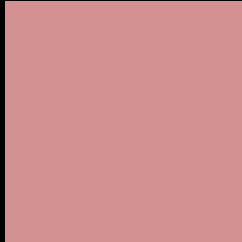
Large Text (above 18pt) WCAG AA × Fail

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 42.3876, 36.2922, 31.5591 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 42.3876, 36.2922, 31.5591

Background



This preview shows how black text looks on a background with the XYZ color 42.3876, 36.2922, 31.5591.



This preview shows how white text looks on a background with the XYZ color 42.3876, 36.2922,

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

42.3876, 36.2922, 31.5591

Protanopia

34.9015, 36.4986, 35.7773

Deuteranopia

37.2646, 36.5362, 31.0747



Tritanopia

43.2466, 36.4257, 35.3234

Trichromacy



Original Color

42.3876, 36.2922, 31.5591

Protanomaly

37.2415, 36.2016, 34.3029

Deuteranomaly

38.9310, 36.3982, 31.3592

Tritanomaly

42.9997, 36.3270, 34.0236

Monochromacy



Original Color

42.3876, 36.2922, 31.5591

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.6898, 36.8674, 37.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3876, 36.2922, 31.5591 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(212, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 42.3876, 36.2922, 31.5591 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(212, 145, 145) }
```


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

```
.border{ border-color:rgb(212, 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(212, 145, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3876, 36.2922, 31.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 145, 145) }
```

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

```
.background{ background-color: rgb(212,  
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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