

Converting Colors

XYZ(42.0889, 36.2379, 26.9695)

Have a look what the booklet for
XYZ(42.0889, 36.2379, 26.9695)
contains.

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Color

**XYZ(42.0906, 36.2404,
26.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	D69185
RGB	214, 145, 133
RGB Percent	84%, 57%, 52%
CMY	0.1608, 0.4314, 0.4784
CMYK	0.00, 0.32, 0.38, 0.16
HSL	9°, 50%, 68%
HSV	9°, 38%, 84%
XYZ	42.0906, 36.2404, 26.9670
YIQ	164.2630, 44.9760, 10.8960

Conversions

Conversions Part 2

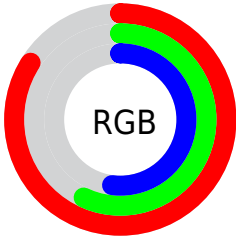
Format	Color
R _Y B	214, 147, 133
Decimal	14061957
CIE Lab	66.70, 24.63, 16.99
CIE LCh	67, 29.925, 34.599
Yxy	36.2404, 0.3997, 0.3442
Android (android.graphics.Color)	4292252037 (0xFFD69185)
YUV	164.2630, -15.4127, 43.6193
Hunter-Lab	60.2000, 19.4535, 15.5806

Details

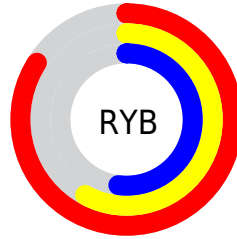
The XYZ color **42.0906, 36.2404, 26.9670** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.9301, 52.0807, 71.4082**, and the grayscale version is **35.4688, 37.3160, 40.6371**.

A 20% lighter version of the original color is **70.5264, 65.6520, 55.4093**, and **19.4687, 15.7980, 10.2068** is the 20% darker color. If you saturate the color by 10%, you get **38.1947, 30.5784, 19.1022**, and if you desaturate by 10%, it is **46.7366, 42.9202, 36.5685**.

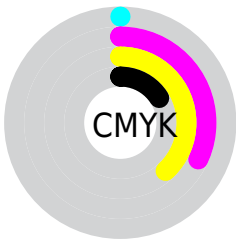
Distribution



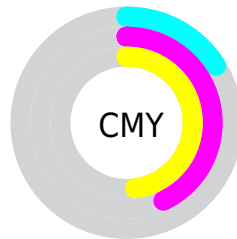
- Red (84%)
- Green (57%)
- Blue (52%)



- Red (84%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0906, 36.2404, 26.9670 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 42.0906, 36.2404, 26.9670 by changing the saturation by 10% instead.

 42.0906, 36.2404,
26.9670


 42.0906, 36.2404,
26.9670


345.8436,
330.0101, 301.2524


 29.3637, 24.6199,
17.3162


 77.6010, 69.4030,
55.8340

 19.5018, 15.7941,
10.2959


 101.1152, 91.7138,
75.8873

 12.1395, 9.3786,
5.4874


 128.9559,
118.3569, 100.2452

 6.9117, 4.9889,
2.4723

161.4884,
149.7167, 129.3262

 3.4528, 2.2408,
0.8254

199.0780,
186.1775, 163.5489

 1.3975, 0.7421,
0.0000

242.0902,

 0.2544, 0.0000,

228.1237, 203.3318

0.0000

290.8903,
275.9398, 249.0935

■ 0.0000, 0.0000,
0.0000

■ 42.0906, 36.2404,
26.9670

■ 42.0906, 36.2404,
26.9670

■ 38.1947, 30.5784,
19.1022

■ 46.7366, 42.9202,
36.5685

■ 35.0062, 25.8790,
12.8679

■ 52.1664, 50.6590,
47.9999

■ 32.4828, 22.0899,
8.1497

■ 58.4154, 59.5021,
61.3505

■ 30.5761, 19.1513,
4.8170

■ 65.5158, 69.4906,
76.7029

■ 29.2308, 16.9964,
2.7173

■ 73.4979, 80.6635,
94.1349

■ 28.3767, 15.5460,
1.6372

■ 81.3428, 92.6387,
108.2016

■ 28.2404, 15.3139,
1.4674

■ 81.5416, 93.0361,
108.2678

Harmonies

Analogous

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



43.8358, 36.2404, 37.5008



42.0906, 36.2404, 26.9670



38.3019, 36.2404, 21.0034

Triad

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



42.0906, 36.2404, 26.9670



27.1886, 36.2404, 29.7337



35.1457, 36.2404, 69.7644

Complementary

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



42.0906, 36.2404, 26.9670



42.9301, 52.0807, 71.4082

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.



30.8569, 36.2404, 66.4247



42.0906, 36.2404, 26.9670



26.5021, 36.2404, 41.4855

Square

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



42.0906, 36.2404, 26.9670



29.7507, 36.2404, 22.3392



27.7870, 36.2404, 55.3145



39.6097, 36.2404, 63.6453

Rectangle

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



42.0906, 36.2404, 26.9670



35.2683, 36.2404, 19.5342



27.7870, 36.2404, 55.3145



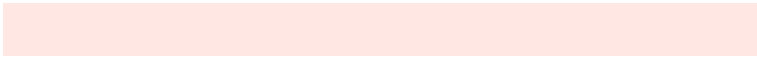
33.6354, 36.2404, 69.7202

Sweetspot

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



42.0915, 36.2422, 26.9677



83.7041, 84.0151, 84.4417



46.9226, 35.3929, 60.9835



17.6400, 17.5921, 17.4832



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.



42.0915, 36.2422, 26.9677



58.0925, 47.3617, 30.9876



49.1682, 50.3956, 29.3266



12.5703, 12.7148, 12.9524



17.1165, 9.3502, 0.9026



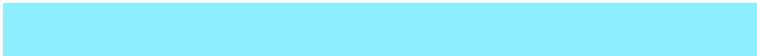
1.0807, 0.6607, 0.0706

Inverse Universe

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



42.9301, 52.0807, 71.4082



59.4800, 73.9625, 105.7490



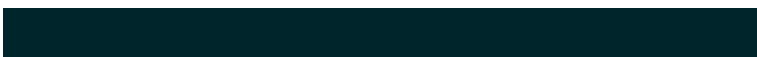
34.8548, 35.9299, 68.7164



12.6281, 13.7796, 15.9317



17.5428, 23.3475, 42.0351



1.1017, 1.4955, 2.5499

Previews

White Background



This preview shows how the XYZ color 42.0906, 36.2404, 26.9670 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 42.0906, 36.2404, 26.9670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

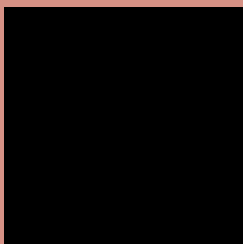
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0906, 36.2404, 26.9670

Background



This preview shows how black text looks on a background with the XYZ color 42.0906, 36.2404, 26.9670.



This preview shows how white text looks on a background with the XYZ color 42.0906, 36.2404,

26.9670.

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

42.0906, 36.2404, 26.9670

Protanopia

34.3056, 36.3098, 30.3997

Deuteranopia

36.9715, 36.2344, 26.5181



Tritanopia

43.7417, 36.2448, 34.8275

Trichromacy



Original Color

42.0906, 36.2404, 26.9670

Protanomaly

36.7256, 36.0510, 29.0676

Deuteranomaly

38.6818, 36.1282, 26.7645

Tritanomaly

43.0351, 36.1673, 31.9069

Monochromacy



Original Color

42.0906, 36.2404, 26.9670

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.0981, 36.3589, 35.1997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0906, 36.2404, 26.9670 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(214, 145, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 145, 133) }
```

Border

The CSS property to change the border of an element to XYZ 42.0906, 36.2404, 26.9670 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, 133) }
```


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

```
.border{ border-color:rgb(214, 145, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 145, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 145, 133);  
box-shadow:4px 4px 4px 4px rgb(214, 145,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0906, 36.2404, 26.9670 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, 133) }
```

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

```
.background{ background-color: rgb(214,  
145, 133) }
```

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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