

Converting Colors

XYZ(36.9032, 43.0401, 29.6519)

Have a look what the booklet for
XYZ(36.9032, 43.0401, 29.6519)
contains.

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Color

**XYZ(36.9042, 43.0408,
29.6552)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B588
RGB	167, 181, 136
RGB Percent	65%, 71%, 53%
CMY	0.3451, 0.2902, 0.4667
CMYK	0.08, 0.00, 0.25, 0.29
HSL	79°, 23%, 62%
HSV	79°, 25%, 71%
XYZ	36.9042, 43.0408, 29.6552
YIQ	171.6840, 6.1010, -16.9630

Conversions

Conversions Part 2

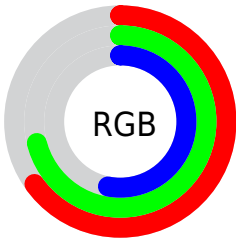
Format	Color
RYB	136, 181, 150
Decimal	10990984
CIELab	71.58, -12.74, 21.36
CIELCh	72, 24.876, 120.818
Yxy	43.0408, 0.3367, 0.3927
Android (android.graphics.Color)	4289181064 (0xFFA7B588)
YUV	171.6840, -17.5922, -4.1079
Hunter-Lab	65.6055, -14.4003, 19.1234

Details

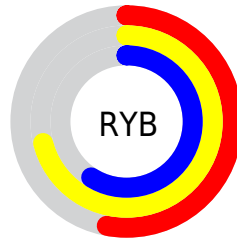
The XYZ color **36.9042, 43.0408, 29.6552** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.7240, 27.4297, 47.4462**, and the grayscale version is **39.1378, 41.1760, 44.8407**.

A 20% lighter version of the original color is **69.7027, 79.8157, 60.4474**, and **16.4691, 19.7551, 11.7492** is the 20% darker color. If you saturate the color by 10%, you get **34.5612, 41.9706, 23.3883**, and if you desaturate by 10%, it is **39.5185, 44.2285, 37.0705**.

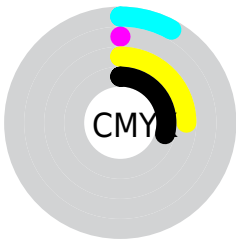
Distribution



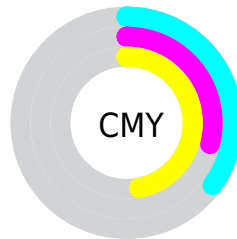
- Red (65%)
- Green (71%)
- Blue (53%)



- Red (53%)
- Yellow (71%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (25%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9042, 43.0408, 29.6552 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 36.9042, 43.0408, 29.6552 by changing the saturation by 10% instead.

■ 36.9042, 43.0408,
29.6552

■ 36.9042, 43.0408,
29.6552

324.2583,
358.7795, 314.4511

■ 25.3067, 29.9171,
19.3272

■ 69.7402, 79.7724,
60.1710

■ 16.4356, 19.7757,
11.7277

■ 91.7094, 104.1492,
81.1959

■ 9.9257, 12.2321,
6.4383

■ 117.8665,
133.0457, 106.6235

■ 5.4116, 6.9020,
3.0403

148.5769,
166.8465, 136.8724

■ 2.5280, 3.4009,
1.1153

184.2059,
205.9359, 172.3610

■ 0.9094, 1.3444,
0.0000

225.1189,

■ 0.0000, 0.1752,

250.6982, 213.5080

0.0000

271.6813,
301.5180, 260.7318

■ 0.0000, 0.0000,
0.0000

■ 36.9042, 43.0408,
29.6552

■ 36.9042, 43.0408,
29.6552

■ 34.5612, 41.9706,
23.3883

■ 39.5185, 44.2285,
37.0705

■ 32.4747, 41.0074,
18.2097

■ 42.4117, 45.5322,
45.6850

■ 30.6331, 40.1480,
14.0578

■ 45.5948, 46.9582,
55.5497

■ 29.0229, 39.3870,
10.8638

■ 49.0776, 48.5102,
66.7118

■ 27.6287, 38.7180,
8.5505

■ 52.8691, 50.1919,
79.2160

■ 26.4328, 38.1339,
7.0287

■ 56.9781, 52.0070,
93.1051

■ 25.4139, 37.6261,
6.1901

■ 60.1471, 53.4525,
101.7550

■ 24.9357, 37.3855,
5.9019

■ 61.7433, 54.2754,
101.8297

■ 63.3961, 55.1274,
101.9071

Harmonies

Analogous

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



40.7936, 43.0408, 27.3111



36.9042, 43.0408, 29.6552



34.2469, 43.0408, 36.4542

Triad

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



36.9042, 43.0408, 29.6552



37.0913, 43.0408, 70.1327



49.5396, 43.0408, 46.5342

Complementary

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



36.9042, 43.0408, 29.6552



29.7240, 27.4297, 47.4462

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.



48.3835, 43.0408, 59.0881



36.9042, 43.0408, 29.6552



41.0246, 43.0408, 74.0462

Square

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



36.9042, 43.0408, 29.6552



34.3495, 43.0408, 59.7592



45.1935, 43.0408, 69.7009



48.2545, 43.0408, 35.9719

Rectangle

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



36.9042, 43.0408, 29.6552



33.4337, 43.0408, 43.2647



45.1935, 43.0408, 69.7009



49.4229, 43.0408, 50.6578

Sweetspot

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



36.9053, 43.0427, 29.6561



74.7418, 80.9979, 78.1467



34.3282, 33.2561, 27.9030



16.0876, 17.4765, 16.6893



86.6293, 91.1408, 99.2523



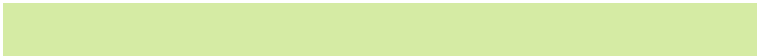
17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.9053, 43.0427, 29.6561



63.6682, 75.9774, 46.5357



32.6462, 40.8471, 29.4568



8.9347, 9.7714, 9.0677



17.2630, 25.8094, 4.0719



0.5998, 0.8413, 0.1308

Inverse Universe

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



29.7240, 27.4297, 47.4462



48.5314, 43.0590, 84.0479



34.1594, 29.7162, 47.6538



8.2825, 8.3542, 10.6823



6.9503, 2.9188, 30.3341



0.2802, 0.1236, 0.9573

Previews

White Background



This preview shows how the XYZ color 36.9042, 43.0408, 29.6552 looks on a white background.

Color Contrast Check

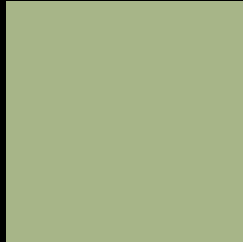
Large Text (above 18pt) WCAG AA × Fail

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 36.9042, 43.0408, 29.6552 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

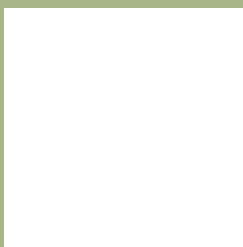
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9042, 43.0408, 29.6552

Background



This preview shows how black text looks on a background with the XYZ color 36.9042, 43.0408, 29.6552.



This preview shows how white text looks on a background with the XYZ color 36.9042, 43.0408,

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

36.9042, 43.0408, 29.6552

Protanopia

40.0571, 42.9182, 28.3631

Deuteranopia

43.5647, 42.7067, 30.3732



Tritanopia

41.6687, 42.9016, 53.6616

Trichromacy



Original Color

36.9042, 43.0408, 29.6552

Protanomaly

38.8476, 42.8688, 28.7813

Deuteranomaly

41.0169, 42.7985, 30.1439

Tritanomaly

39.6782, 42.9668, 43.7383

Monochromacy



Original Color

36.9042, 43.0408, 29.6552

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.1655, 41.7092, 38.8400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9042, 43.0408, 29.6552 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(167, 181, 136)` looks like.

```
.text, #text, p{  
    color:rgb(167, 181, 136)  
}
```

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(167, 181, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 181, 136) }
```

Border

The CSS property to change the border of an element to XYZ 36.9042, 43.0408, 29.6552 is called "border". The border property can be set on classes, ids or directly on the HTML element.

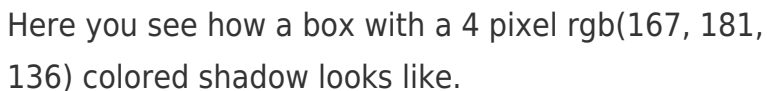
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 181, 136) }
```


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

```
.border{ border-color:rgb(167, 181, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 181, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 181, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 181, 136); box-shadow:4px 4px 4px 4px rgb(167, 181, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9042, 43.0408, 29.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 181, 136) }
```

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

```
.background{ background-color: rgb(167,  
181, 136) }
```

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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