

Converting Colors

XYZ(43.7561, 49.8309, 28.4490)

Have a look what the booklet for
XYZ(43.7561, 49.8309, 28.4490)
contains.

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Color

**XYZ(43.6463, 49.6921,
28.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBF82
RGB	189, 191, 130
RGB Percent	74%, 75%, 51%
CMY	0.2588, 0.2510, 0.4902
CMYK	0.01, 0.00, 0.32, 0.25
HSL	62°, 32%, 63%
HSV	62°, 32%, 75%
XYZ	43.6463, 49.6921, 28.4102
YIQ	183.4480, 18.3890, -19.3950

Conversions

Conversions Part 2

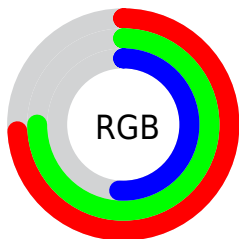
Format	Color
RYB	130, 191, 132
Decimal	12435330
CIELab	75.88, -10.28, 30.61
CIELCh	76, 32.294, 108.569
Yxy	49.6921, 0.3585, 0.4082
Android (android.graphics.Color)	4290625410 (0xFFBDBF82)
YUV	183.4480, -26.3499, 4.8691
Hunter-Lab	70.4926, -12.8418, 25.4496

Details

The XYZ color **43.6463, 49.6921, 28.4102** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.9042, 24.6336, 52.6298**, and the grayscale version is **45.3901, 47.7539, 52.0041**.

A 20% lighter version of the original color is **79.8140, 89.5333, 57.8747**, and **20.5281, 23.9070, 11.1220** is the 20% darker color. If you saturate the color by 10%, you get **42.3266, 49.1480, 22.2661**, and if you desaturate by 10%, it is **45.2072, 50.3362, 35.8098**.

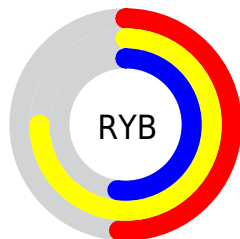
Distribution



Red (74%)

Green (75%)

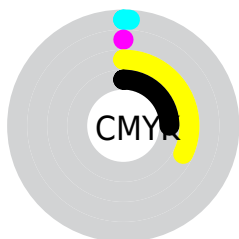
Blue (51%)



Red (51%)

Yellow (75%)

Blue (52%)

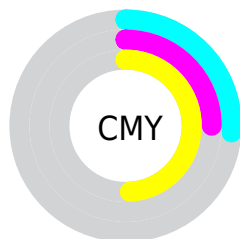


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6463, 49.6921, 28.4102 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 43.6463, 49.6921, 28.4102 by changing the saturation by 10% instead.

■ 43.6463, 49.6921,
28.4102

■ 43.6463, 49.6921,
28.4102

352.1396,
385.4606, 308.3952

■ 30.5893, 35.1688,
18.3934

■ 79.9349, 89.7185,
58.1696

■ 20.4366, 23.7929,
11.0604

■ 103.8972,
115.9904, 78.7493

■ 12.8229, 15.1801,
5.9928

■ 132.2252,
146.9473, 103.6871

■ 7.3829, 8.9459,
2.7720

165.2844,
182.9736, 133.4014

■ 3.7511, 4.7059,
0.9794

203.4401,
224.4537, 168.3108

■ 1.5623, 2.0758,
0.0000

247.0576,

■ 0.3677, 0.6509,

271.7720, 208.8339

0.0000

296.5023,
325.3128, 255.3892

■ 0.0000, 0.0000,
0.0000

■ 43.6463, 49.6921,
28.4102

■ 43.6463, 49.6921,
28.4102

■ 42.3266, 49.1480,
22.2661

■ 45.2072, 50.3362,
35.8098

■ 41.2311, 48.6919,
17.3050

■ 47.0178, 51.0786,
44.5260

■ 40.3467, 48.3204,
13.4516


■ 49.0905, 51.9259,
54.6195


■ 39.6571, 48.0268,
10.6209


■ 51.4362, 52.8824,
66.1464

■ 39.1439, 47.8039,
8.7154


■ 54.0648, 53.9522,
79.1597


 38.7850, 47.6428,
7.6188

 56.9859, 55.1390,
93.7097

 38.5738, 47.5442,
7.1439

 58.7748, 55.8731,
102.2946

 58.9356, 55.9560,
102.3021

 59.0971, 56.0392,
102.3096

Harmonies

Analogous

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



49.5580, 49.6921, 27.7219



43.6463, 49.6921, 28.4102



39.0871, 49.6921, 35.0310

Triad

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



43.6463, 49.6921, 28.4102



39.9905, 49.6921, 82.9002



59.4849, 49.6921, 60.9329

Complementary

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



43.6463, 49.6921, 28.4102



26.9042, 24.6336, 52.6298

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.



56.4338, 49.6921, 79.0889



43.6463, 49.6921, 28.4102



44.9777, 49.6921, 93.4517

Square

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



43.6463, 49.6921, 28.4102



37.1032, 49.6921, 65.3422



51.0065, 49.6921, 91.9253



59.0517, 49.6921, 44.2384

Rectangle

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



43.6463, 49.6921, 28.4102



37.2715, 49.6921, 42.8940



51.0065, 49.6921, 91.9253



58.8229, 49.6921, 67.1197

Sweetspot

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



43.6476, 49.6943, 28.4112



84.8300, 91.7329, 82.7754



33.6353, 28.9264, 24.9303



18.5178, 20.0986, 17.6427



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.6476, 49.6943, 28.4112



76.5461, 88.3273, 43.3063



37.0561, 46.2963, 28.1028



10.2904, 11.1041, 10.1776



25.3627, 31.2508, 4.6953



1.0033, 1.2292, 0.1844

Inverse Universe

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



26.9042, 24.6336, 52.6298



42.0891, 36.7490, 93.1541



32.1904, 27.3588, 52.8772



9.0447, 9.2399, 11.9790



6.2452, 2.5056, 32.5474



0.2547, 0.1033, 1.2754

Previews

White Background



This preview shows how the XYZ color 43.6463, 49.6921, 28.4102 looks on a white background.

Color Contrast Check

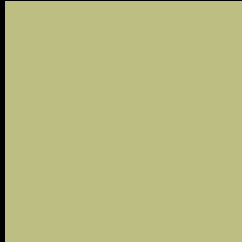
Large Text (above 18pt) WCAG AA × Fail

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 43.6463, 49.6921, 28.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

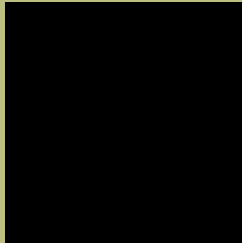
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

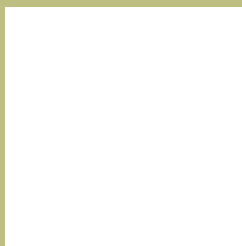
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6463, 49.6921, 28.4102

Background



This preview shows how black text looks on a background with the XYZ color 43.6463, 49.6921, 28.4102.



This preview shows how white text looks on a background with the XYZ color 43.6463, 49.6921,

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

43.6463, 49.6921, 28.4102

Protanopia

46.0237, 49.6557, 27.5809

Deuteranopia

50.4779, 49.4632, 29.0772



Tritanopia

50.0375, 49.7685, 59.7923

Trichromacy



Original Color

43.6463, 49.6921, 28.4102

Protanomaly

44.9716, 49.4217, 27.9380

Deuteranomaly

47.6767, 49.2346, 28.8202

Tritanomaly

47.3499, 49.6043, 46.6141

Monochromacy



Original Color

43.6463, 49.6921, 28.4102

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.2673, 48.1124, 42.0754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6463, 49.6921, 28.4102 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(189, 191, 130)` looks like.

```
.text, #text, p{  
    color:rgb(189, 191, 130)  
}
```

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(189, 191, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 191, 130) }
```

Border

The CSS property to change the border of an element to XYZ 43.6463, 49.6921, 28.4102 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(189, 191, 130) }
```


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

```
.border{ border-color:rgb(189, 191, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 191, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 191, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 191, 130);  
box-shadow:4px 4px 4px 4px rgb(189, 191,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6463, 49.6921, 28.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 191, 130) }
```

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

```
.background{ background-color: rgb(189,  
191, 130) }
```

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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