

Converting Colors

XYZ(43.0363, 48.9703, 28.8294)

Have a look what the booklet for
XYZ(43.0363, 48.9703, 28.8294)
contains.

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Color

**XYZ(43.0037, 49.0304,
28.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBE83
RGB	187, 190, 131
RGB Percent	73%, 75%, 51%
CMY	0.2667, 0.2549, 0.4863
CMYK	0.02, 0.00, 0.31, 0.25
HSL	63°, 31%, 63%
HSV	63°, 31%, 75%
XYZ	43.0037, 49.0304, 28.6700
YIQ	182.3770, 17.1510, -18.9850

Conversions

Conversions Part 2

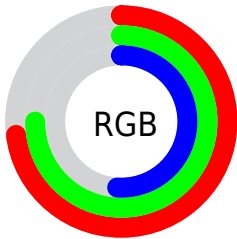
Format	Color
RYB	131, 190, 134
Decimal	12304003
CIELab	75.47, -10.42, 29.52
CIELCh	75, 31.303, 109.444
Yxy	49.0304, 0.3563, 0.4062
Android (android.graphics.Color)	4290494083 (0xFFBBBE83)
YUV	182.3770, -25.3289, 4.0544
Hunter-Lab	70.0217, -12.9126, 24.7392

Details

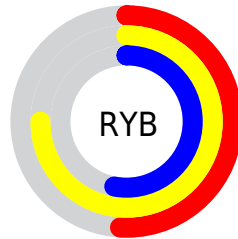
The XYZ color **43.0037, 49.0304, 28.6700** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.2439, 25.0199, 52.1114**, and the grayscale version is **44.7974, 47.1303, 51.3249**.

A 20% lighter version of the original color is **79.0210, 88.6474, 58.8448**, and **20.1037, 23.4719, 11.2555** is the 20% darker color. If you saturate the color by 10%, you get **41.5968, 48.4421, 22.4875**, and if you desaturate by 10%, it is **44.6508, 49.7184, 36.0984**.

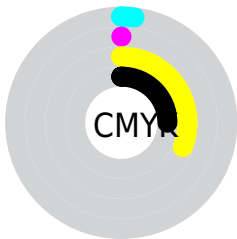
Distribution



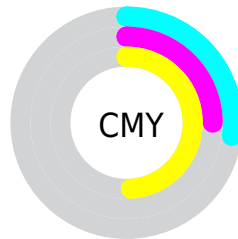
- Red (73%)
- Green (75%)
- Blue (51%)



- Red (51%)
- Yellow (75%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)




- Cyan (27%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0037, 49.0304, 28.6700 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 43.0037, 49.0304, 28.6700 by changing the saturation by 10% instead.


 43.0037, 49.0304,
28.6700


 43.0037, 49.0304,
28.6700


349.5482,
382.8620, 309.6668


 30.0826, 34.6436,
18.5879


 78.9721, 88.7366,
58.5883

 20.0496, 23.3885,
11.1991


 102.7501,
114.8248, 79.2615

 12.5396, 14.8806,
6.0851


 130.8777,
145.5822, 104.3023

 7.1871, 8.7356,
2.8272

163.7204,
181.3933, 134.1290

 3.6268, 4.5692,
1.0071

201.6434,
222.6424, 169.1603

 1.4932, 1.9968,
0.0000

245.0122,

 0.3212, 0.6056,

269.7140, 209.8146

0.0000

294.1920,
322.9924, 256.5106

■ 0.0000, 0.0000,
0.0000

■ 43.0037, 49.0304,
28.6700

■ 43.0037, 49.0304,
28.6700

■ 41.5968, 48.4421,
22.4875

■ 44.6508, 49.7184,
36.0984

■ 40.4136, 47.9417,
17.4798

■ 46.5465, 50.5043,
44.8326

■ 39.4411, 47.5258,
13.5733


■ 48.7030, 51.3947,
54.9321


■ 38.6634, 47.1881,
10.6848


■ 51.1308, 52.3938,
66.4521


■ 38.0627, 46.9212,
8.7196


■ 53.8399, 53.5056,
79.4446


 37.6174, 46.7168,
7.5649

 56.8395, 54.7339,
93.9590

 37.3136, 46.5719,
7.0226

 58.6545, 55.4884,
102.2266

 58.9033, 55.6167,
102.2383

 59.1537, 55.7458,
102.2500

Harmonies

Analogous

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



48.6651, 49.0304, 27.8358



43.0037, 49.0304, 28.6700



38.6670, 49.0304, 35.2693

Triad

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



43.0037, 49.0304, 28.6700



39.7510, 49.0304, 81.3639



58.3879, 49.0304, 59.4238

Complementary

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



43.0037, 49.0304, 28.6700



27.2439, 25.0199, 52.1114

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.



55.5543, 49.0304, 76.8371



43.0037, 49.0304, 28.6700



44.5979, 49.0304, 91.1319

Square

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



43.0037, 49.0304, 28.6700



36.8991, 49.0304, 64.6827



50.3955, 49.0304, 89.3228



57.8720, 49.0304, 43.4873

Rectangle

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



43.0037, 49.0304, 28.6700



36.9622, 49.0304, 42.9837



50.3955, 49.0304, 89.3228



57.7869, 49.0304, 65.3437

Sweetspot

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



43.0049, 49.0326, 28.6710



85.0526, 91.8088, 84.5356



33.8518, 29.6235, 25.4071



18.5562, 20.1105, 18.0020



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.



43.0049, 49.0326, 28.6710



76.2093, 88.1298, 44.3714



36.5242, 45.6917, 28.3677



10.2729, 11.0951, 10.1768



24.8306, 30.9765, 4.6704



0.9875, 1.2210, 0.1836

Inverse Universe

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



27.2439, 25.0199, 52.1114



43.2982, 37.9814, 93.3282



32.6087, 27.7855, 52.3625



9.0603, 9.2479, 11.9797



6.2810, 2.5240, 32.5490



0.2616, 0.1069, 1.2757

Previews

White Background



This preview shows how the XYZ color 43.0037, 49.0304, 28.6700 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 43.0037, 49.0304, 28.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

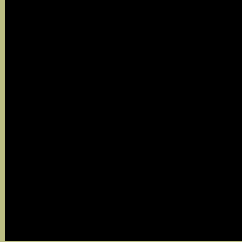
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

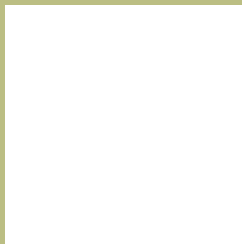
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0037, 49.0304, 28.6700

Background



This preview shows how black text looks on a background with the XYZ color 43.0037, 49.0304, 28.6700.



This preview shows how white text looks on a background with the XYZ color 43.0037, 49.0304,

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

43.0037, 49.0304, 28.6700

Protanopia

45.6087, 49.1203, 27.8462

Deuteranopia

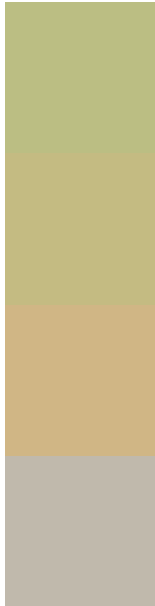
49.7387, 48.7777, 29.3478



Tritanopia

49.1974, 49.0435, 59.0979

Trichromacy



Original Color

43.0037, 49.0304, 28.6700

Protanomaly

44.5645, 48.8881, 28.2066

Deuteranomaly

46.9740, 48.5592, 29.0874

Tritanomaly

46.5336, 48.8829, 46.0125

Monochromacy



Original Color

43.0037, 49.0304, 28.6700

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7270, 47.5326, 41.5204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0037, 49.0304, 28.6700 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(187, 190, 131)` looks like.

```
.text, #text, p{  
    color:rgb(187, 190, 131)  
}
```

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(187, 190, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 190, 131) }
```

Border

The CSS property to change the border of an element to XYZ 43.0037, 49.0304, 28.6700 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(187, 190, 131) }
```


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

```
.border{ border-color:rgb(187, 190, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 190, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 190, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 190, 131);  
box-shadow:4px 4px 4px 4px rgb(187, 190,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0037, 49.0304, 28.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 190, 131) }
```

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

```
.background{ background-color: rgb(187,  
190, 131) }
```

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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