

Converting Colors

XYZ(43.6879, 49.7690, 29.6166)

Have a look what the booklet for
XYZ(43.6879, 49.7690, 29.6166)
contains.

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Color

**XYZ(43.6035, 49.6464,
29.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBF85
RGB	188, 191, 133
RGB Percent	74%, 75%, 52%
CMY	0.2627, 0.2510, 0.4784
CMYK	0.02, 0.00, 0.30, 0.25
HSL	63°, 31%, 64%
HSV	63°, 30%, 75%
XYZ	43.6035, 49.6464, 29.4749
YIQ	183.4910, 16.8300, -18.6740

Conversions

Conversions Part 2

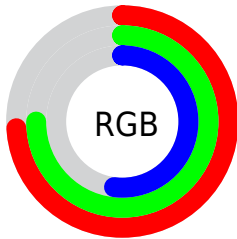
Format	Color
RYB	133, 191, 136
Decimal	12369797
CIELab	75.85, -10.29, 28.99
CIELCh	76, 30.759, 109.541
Yxy	49.6464, 0.3553, 0.4045
Android (android.graphics.Color)	4290559877 (0xFFBCBF85)
YUV	183.4910, -24.8921, 3.9544
Hunter-Lab	70.4602, -12.8426, 24.5200

Details

The XYZ color **43.6035, 49.6464, 29.4749** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.9467, 25.7722, 52.7946**, and the grayscale version is **45.4067, 47.7714, 52.0230**.

A 20% lighter version of the original color is **79.8866, 89.5219, 60.0827**, and **20.4813, 23.8698, 11.7115** is the 20% darker color. If you saturate the color by 10%, you get **42.1597, 49.0426, 23.1343**, and if you desaturate by 10%, it is **45.2915, 50.3516, 37.0815**.

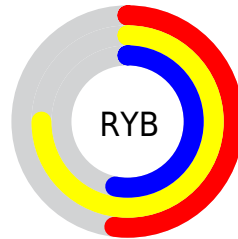
Distribution



Red (74%)

Green (75%)

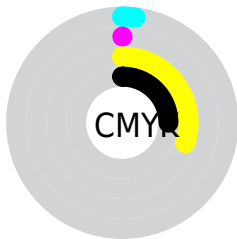
Blue (52%)



Red (52%)

Yellow (75%)

Blue (53%)

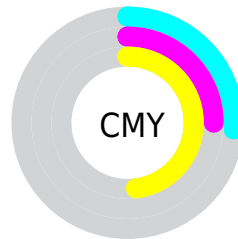


Cyan (2%)

Magenta (0%)

Yellow (30%)

Black (25%)



Cyan (26%)


Magenta (25%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6035, 49.6464, 29.4749 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 43.6035, 49.6464, 29.4749 by changing the saturation by 10% instead.


 43.6035, 49.6464,
29.4749


 43.6035, 49.6464,
29.4749


351.9674,
385.2815, 313.5799


 30.5555, 35.1325,
19.1917


 79.8708, 89.6507,
59.8819

 20.4108, 23.7650,
11.6307


 103.8208,
115.9100, 80.8428

 12.8040, 15.1594,
6.3732

 132.1356,
146.8532, 106.2001

 7.3698, 8.9313,
3.0009

165.1804,
182.8646, 136.3721

 3.7428, 4.6964,
1.0951

203.3206,
224.3288, 171.7776

 1.5577, 2.0703,
0.0000

246.9216,

 0.3646, 0.6478,

271.6301, 212.8350

0.0000

296.3488,
325.1529, 259.9630

■ 0.0000, 0.0000,
0.0000

■ 43.6035, 49.6464,
29.4749

■ 43.6035, 49.6464,
29.4749

■ 42.1597, 49.0426,
23.1343

■ 45.2915, 50.3516,
37.0815

■ 40.9433, 48.5281,
17.9880

■ 47.2319, 51.1562,
46.0143

■ 39.9413, 48.0997,
13.9620


■ 49.4373, 52.0670,
56.3336


■ 39.1379, 47.7508,
10.9728


■ 51.9181, 53.0882,
68.0948


■ 38.5149, 47.4743,
8.9252

■ 54.6845, 54.2237,
81.3505


 38.0509, 47.2616,
7.7064

 57.7457, 55.4775,
96.1506

 37.7140, 47.1009,
7.1036

 59.1684, 56.0759,
102.3130

 59.4248, 56.2081,
102.3250

 59.6829, 56.3412,
102.3370

Harmonies

Analogous

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



49.2121, 49.6464, 28.6217



43.6035, 49.6464, 29.4749



39.3042, 49.6464, 36.0855

Triad

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



43.6035, 49.6464, 29.4749



40.4045, 49.6464, 81.7383



58.8500, 49.6464, 59.9781

Complementary

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



43.6035, 49.6464, 29.4749



27.9467, 25.7722, 52.7946

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.



56.0599, 49.6464, 77.1794



43.6035, 49.6464, 29.4749



45.2190, 49.6464, 91.3234

Square

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



43.6035, 49.6464, 29.4749



37.5632, 49.6464, 65.2912



50.9625, 49.6464, 89.5045



58.3293, 49.6464, 44.1906

Rectangle

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



43.6035, 49.6464, 29.4749



37.6150, 49.6464, 43.7776



50.9625, 49.6464, 89.5045



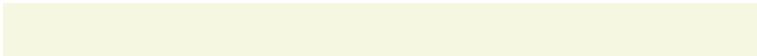
58.2600, 49.6464, 65.8302

Sweetspot

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



43.6048, 49.6486, 29.4759



85.0457, 91.8053, 84.5353



34.5112, 30.3513, 26.2305



18.5545, 20.1096, 18.0019



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.



43.6048, 49.6486, 29.4759



76.4373, 88.2229, 45.4852



37.1842, 46.3387, 29.1755



10.2721, 11.0947, 10.1767



24.8052, 30.9634, 4.6692



0.9867, 1.2206, 0.1836

Inverse Universe

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



27.9467, 25.7722, 52.7946



44.2085, 39.0723, 93.4908



33.2893, 28.5264, 53.0446



9.0610, 9.2483, 11.9797



6.2827, 2.5249, 32.5491



0.2619, 0.1071, 1.2757

Previews

White Background



This preview shows how the XYZ color 43.6035, 49.6464, 29.4749 looks on a white background.

Color Contrast Check

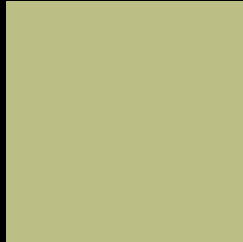
Large Text (above 18pt) WCAG AA × Fail

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 43.6035, 49.6464, 29.4749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

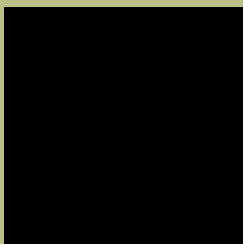
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

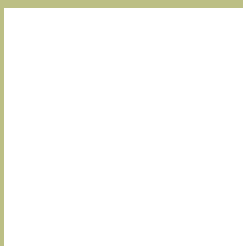
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6035, 49.6464, 29.4749

Background



This preview shows how black text looks on a background with the XYZ color 43.6035, 49.6464, 29.4749.



This preview shows how white text looks on a background with the XYZ color 43.6035, 49.6464,

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

43.6035, 49.6464, 29.4749

Protanopia

46.2242, 49.7359, 28.6364

Deuteranopia

50.3828, 49.3899, 30.1703



Tritanopia

49.7765, 49.6340, 59.7801

Trichromacy



Original Color

43.6035, 49.6464, 29.4749

Protanomaly

45.1740, 49.5027, 29.0038

Deuteranomaly

47.6012, 49.1716, 29.9039

Tritanomaly

47.1912, 49.5113, 47.1138

Monochromacy



Original Color

43.6035, 49.6464, 29.4749

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.3580, 48.1487, 42.5530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6035, 49.6464, 29.4749 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(188, 191, 133)` looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 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(188, 191, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 133) }
```

Border

The CSS property to change the border of an element to XYZ 43.6035, 49.6464, 29.4749 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(188, 191, 133) }
```


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

```
.border{ border-color:rgb(188, 191, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 191, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 191, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 191, 133);  
box-shadow:4px 4px 4px 4px rgb(188, 191,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6035, 49.6464, 29.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 191, 133) }
```

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

```
.background{ background-color: rgb(188,  
191, 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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