

Converting Colors

XYZ(43.6922, 49.3438, 28.3153)

Have a look what the booklet for
XYZ(43.6922, 49.3438, 28.3153)
contains.

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Color

**XYZ(43.6779, 49.3858,
28.3494)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBE82
RGB	190, 190, 130
RGB Percent	75%, 75%, 51%
CMY	0.2549, 0.2549, 0.4902
CMYK	0.00, 0.00, 0.32, 0.25
HSL	60°, 32%, 63%
HSV	60°, 32%, 75%
XYZ	43.6779, 49.3858, 28.3494
YIQ	183.1600, 19.2600, -18.6600

Conversions

Conversions Part 2

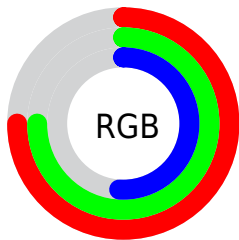
Format	Color
RYB	130, 190, 130
Decimal	12500610
CIELab	75.69, -9.38, 30.38
CIELCh	76, 31.791, 107.151
Yxy	49.3858, 0.3597, 0.4068
Android (android.graphics.Color)	4290690690 (0xFFBEBE82)
YUV	183.1600, -26.2079, 5.9987
Hunter-Lab	70.2750, -12.0386, 25.2746

Details

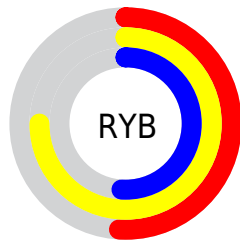
The XYZ color **43.6779, 49.3858, 28.3494** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.4847, 24.4301, 52.0377**, and the grayscale version is **45.2305, 47.5861, 51.8212**.

A 20% lighter version of the original color is **79.8608, 89.1046, 57.7895**, and **20.5470, 23.7047, 11.0819** is the 20% darker color. If you saturate the color by 10%, you get **42.5187, 48.9238, 22.2416**, and if you desaturate by 10%, it is **45.0752, 49.9465, 35.6997**.

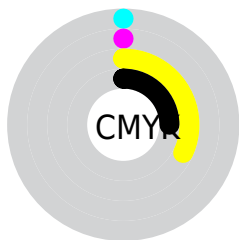
Distribution



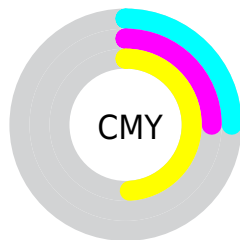
- Red (75%)
- Green (75%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (32%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6779, 49.3858, 28.3494 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 43.6779, 49.3858, 28.3494 by changing the saturation by 10% instead.

■ 43.6779, 49.3858,
28.3494

■ 43.6779, 49.3858,
28.3494

352.2667,
384.2592, 308.0970

■ 30.6142, 34.9256,
18.3479

■ 79.9822, 89.2642,
58.0716

■ 20.4556, 23.6056,
11.0280

■ 103.9535,
115.4512, 78.6293

■ 12.8369, 15.0413,
5.9713

■ 132.2914,
146.3159, 103.5429

■ 7.3925, 8.8484,
2.7591

165.3611,
182.2427, 133.2309

■ 3.7573, 4.6424,
0.9730

203.5282,
223.6161, 168.1117

■ 1.5658, 2.0390,
0.0000

247.1579,

■ 0.3699, 0.6300,

270.8203, 208.6040

0.0000

296.6156,
324.2399, 255.1262

■ 0.0000, 0.0000,
0.0000

■ 43.6779, 49.3858,
28.3494

■ 43.6779, 49.3858,
28.3494

■ 42.5187, 48.9238,
22.2416

■ 45.0752, 49.9465,
35.6997

■ 41.5807, 48.5486,
17.3047

■ 46.7187, 50.6040,
44.3524

■ 40.8511, 48.2567,
13.4648


■ 48.6210, 51.3649,
54.3674


■ 40.3140, 48.0418,
10.6382


■ 50.7924, 52.2335,
65.8000


■ 39.9511, 47.8966,
8.7294


■ 53.2430, 53.2138,
78.7024


 39.7408, 47.8124,
7.6243

 55.9821, 54.3095,
93.1240

 39.6470, 47.7748,
7.1318

 57.7026, 54.9977,
102.1821

 57.7030, 54.9980,
102.1821

 57.7034, 54.9982,
102.1822

Harmonies

Analogous

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



49.5040, 49.3858, 27.9400



43.6779, 49.3858, 28.3494



39.1151, 49.3858, 34.5904

Triad

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



43.6779, 49.3858, 28.3494



39.6500, 49.3858, 81.2360



58.8723, 49.3858, 61.3143

Complementary

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



43.6779, 49.3858, 28.3494



26.4847, 24.4301, 52.0377

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.



55.7439, 49.3858, 78.9895



43.6779, 49.3858, 28.3494



44.4655, 49.3858, 92.0080

Square

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



43.6779, 49.3858, 28.3494



36.9266, 49.3858, 63.9181



50.3600, 49.3858, 91.1091



58.6167, 49.3858, 44.7621

Rectangle

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



43.6779, 49.3858, 28.3494



37.2558, 49.3858, 42.1340



50.3600, 49.3858, 91.1091



58.1713, 49.3858, 67.3788

Sweetspot

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



43.6791, 49.3880, 28.3504



85.4512, 92.0144, 84.5543



33.2487, 28.5253, 24.8733



18.6578, 20.1629, 18.0068



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.



43.6791, 49.3880, 28.3504



77.6257, 88.8839, 43.3568



36.9418, 45.9148, 28.0351



10.3222, 11.1205, 10.1791



26.3615, 31.7657, 4.7420



1.0326, 1.2443, 0.1857

Inverse Universe

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



26.4847, 24.4301, 52.0377



41.4982, 36.4444, 93.1264



31.7756, 27.1576, 52.2853



9.0166, 9.2254, 11.9777



6.1803, 2.4722, 32.5443



0.2421, 0.0968, 1.2748

Previews

White Background



This preview shows how the XYZ color 43.6779, 49.3858, 28.3494 looks on a white background.

Color Contrast Check

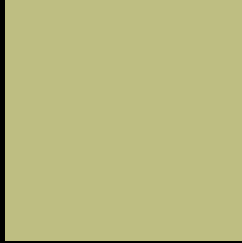
Large Text (above 18pt) WCAG AA × Fail

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 43.6779, 49.3858, 28.3494 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

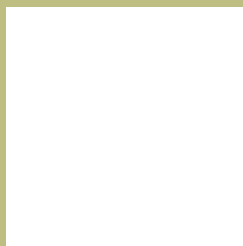
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6779, 49.3858, 28.3494

Background



This preview shows how black text looks on a background with the XYZ color 43.6779, 49.3858, 28.3494.



This preview shows how white text looks on a background with the XYZ color 43.6779, 49.3858,

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

43.6779, 49.3858, 28.3494

Protanopia

45.8123, 49.2329, 27.5104

Deuteranopia

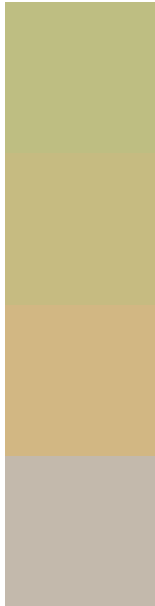
50.4092, 49.4357, 28.7150



Tritanopia

49.9805, 49.4472, 59.1346

Trichromacy



Original Color

43.6779, 49.3858, 28.3494

Protanomaly

45.0215, 49.1314, 27.8793

Deuteranomaly

47.6086, 49.2073, 28.4614

Tritanomaly

47.3010, 49.2786, 46.0484

Monochromacy



Original Color

43.6779, 49.3858, 28.3494

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5094, 48.2373, 42.0868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6779, 49.3858, 28.3494 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(190, 190, 130)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 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(190, 190, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 130) }
```

Border

The CSS property to change the border of an element to XYZ 43.6779, 49.3858, 28.3494 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(190, 190, 130) }
```


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

```
.border{ border-color:rgb(190, 190, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 130);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6779, 49.3858, 28.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 130) }
```

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

```
.background{ background-color: rgb(190,  
190, 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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