

Converting Colors

XYZ(43.0582, 49.3160, 31.6756)

Have a look what the booklet for
XYZ(43.0582, 49.3160, 31.6756)
contains.

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Color

**XYZ(43.0582, 49.3160,
31.6756)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BF8B
RGB	184, 191, 139
RGB Percent	72%, 75%, 55%
CMY	0.2784, 0.2510, 0.4549
CMYK	0.04, 0.00, 0.27, 0.25
HSL	68°, 29%, 65%
HSV	68°, 27%, 75%
XYZ	43.0582, 49.3160, 31.6756
YIQ	182.9790, 12.5200, -17.6560

Conversions

Conversions Part 2

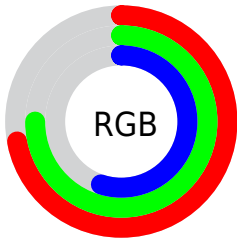
Format	Color
RYB	139, 191, 146
Decimal	12107659
CIELab	75.65, -11.02, 25.49
CIELCh	76, 27.773, 113.383
Yxy	49.3160, 0.3471, 0.3976
Android (android.graphics.Color)	4290297739 (0xFFB8BF8B)
YUV	182.9790, -21.6816, 0.8954
Hunter-Lab	70.2254, -13.4483, 22.4146

Details

The XYZ color **43.0582, 49.3160, 31.6756** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.4924, 28.3391, 53.1558**, and the grayscale version is **45.1096, 47.4589, 51.6827**.

A 20% lighter version of the original color is **78.8216, 88.8970, 63.4566**, and **20.0559, 23.6274, 12.7360** is the 20% darker color. If you saturate the color by 10%, you get **41.1726, 48.4929, 24.9279**, and if you desaturate by 10%, it is **45.2014, 50.2468, 39.7101**.

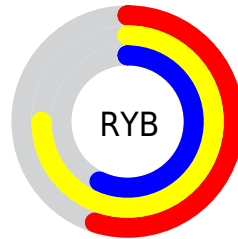
Distribution



Red (72%)

Green (75%)

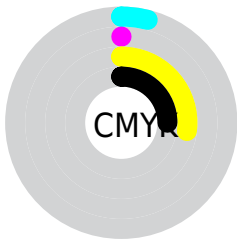
Blue (55%)



Red (55%)

Yellow (75%)

Blue (57%)

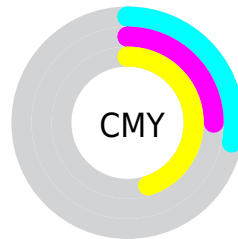


Cyan (4%)

Magenta (0%)

Yellow (27%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0582, 49.3160, 31.6756 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 43.0582, 49.3160, 31.6756 by changing the saturation by 10% instead.

■ 43.0582, 49.3160,
31.6756

■ 43.0582, 49.3160,
31.6756

349.7685,
383.9850, 324.0859

■ 30.1255, 34.8702,
20.8511

■ 79.0538, 89.1606,
63.3942

■ 20.0824, 23.5629,
12.8250

■ 102.8475,
115.3282, 85.1253

■ 12.5636, 15.0097,
7.1788

■ 130.9922,
146.1719, 111.3290

■ 7.2036, 8.8262,
3.4941

163.8533,
182.0760, 142.4239

■ 3.6372, 4.6280,
1.3521

201.7961,
223.4250, 178.8285

■ 1.4990, 2.0307,
0.1039

245.1860,

■ 0.3252, 0.6252,

270.6032, 220.9614

0.0000

294.3883,
323.9951, 269.2410

■ 0.0000, 0.0000,
0.0000

■ 43.0582, 49.3160,
31.6756

■ 43.0582, 49.3160,
31.6756

■ 41.1726, 48.4929,
24.9279

■ 45.2014, 50.2468,
39.7101

■ 39.5281, 47.7658,
19.3972

■ 47.6103, 51.2835,
49.0903

■ 38.1120, 47.1314,
15.0115


■ 50.2971, 52.4327,
59.8752


■ 36.9090, 46.5835,
11.6904


■ 53.2724, 53.6986,
72.1193


■ 35.9017, 46.1152,
9.3427


■ 56.5458, 55.0850,
85.8743


 35.0700, 45.7183,
7.8622


 60.1270, 56.5959,
101.1893

 34.3852, 45.3815,
7.0994

 61.0412, 57.0414,
102.4006

 34.2070, 45.2929,
6.9395

 61.7432, 57.4033,
102.4335

 62.4569, 57.7712,
102.4669

Harmonies

Analogous

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



48.0218, 49.3160, 30.1963



43.0582, 49.3160, 31.6756



39.3776, 49.3160, 38.5173

Triad

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



43.0582, 49.3160, 31.6756



41.2204, 49.3160, 79.7792



57.3956, 49.3160, 57.0259

Complementary

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



43.0582, 49.3160, 31.6756



30.4924, 28.3391, 53.1558

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.



55.2647, 49.3160, 72.4171



43.0582, 49.3160, 31.6756



45.7434, 49.3160, 87.0180

Square

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



43.0582, 49.3160, 31.6756



38.3720, 49.3160, 65.7358



50.9075, 49.3160, 84.1031



56.5459, 49.3160, 43.2254

Rectangle

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



43.0582, 49.3160, 31.6756



38.0238, 49.3160, 46.0000



50.9075, 49.3160, 84.1031



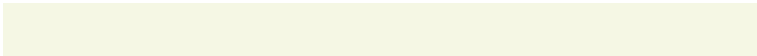
56.9994, 49.3160, 62.2075

Sweetspot

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



43.0595, 49.3182, 31.6766



84.8571, 91.6688, 86.3018



36.4163, 33.4790, 28.9695



18.4840, 20.0653, 18.3612



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.



43.0595, 49.3182, 31.6766



74.9361, 87.3728, 48.8591



37.4064, 46.4039, 31.4121



10.1924, 11.0536, 10.1730



22.5287, 29.7899, 4.5626



0.9179, 1.1852, 0.1804

Inverse Universe

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



30.4924, 28.3391, 53.1558



48.4961, 43.2235, 94.0661



35.6368, 30.9911, 53.3965



9.1328, 9.2853, 11.9831



6.4957, 2.6347, 32.5591



0.2937, 0.1234, 1.2772

Previews

White Background



This preview shows how the XYZ color 43.0582, 49.3160, 31.6756 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 43.0582, 49.3160, 31.6756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

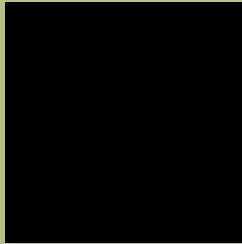
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

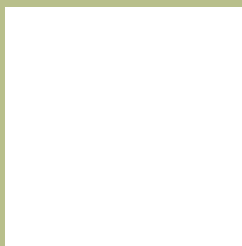
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0582, 49.3160, 31.6756

Background



This preview shows how black text looks on a background with the XYZ color 43.0582, 49.3160, 31.6756.



This preview shows how white text looks on a background with the XYZ color 43.0582, 49.3160,

31.6756.

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

43.0582, 49.3160, 31.6756

Protanopia

45.8937, 49.2033, 30.7452

Deuteranopia

50.2160, 49.2533, 32.4513



Tritanopia

48.8648, 49.1507, 60.3377

Trichromacy



Original Color

43.0582, 49.3160, 31.6756

Protanomaly

44.8188, 49.2708, 31.1928

Deuteranomaly

47.1948, 48.9119, 32.1528

Tritanomaly

46.4810, 49.1110, 48.6245

Monochromacy



Original Color

43.0582, 49.3160, 31.6756

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.0624, 47.9751, 43.4970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0582, 49.3160, 31.6756 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(184, 191, 139)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 139)  
}
```

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(184, 191, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 139) }
```

Border

The CSS property to change the border of an element to XYZ 43.0582, 49.3160, 31.6756 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(184, 191, 139) }
```


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

```
.border{ border-color:rgb(184, 191, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 139);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0582, 49.3160, 31.6756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 139) }
```

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

```
.background{ background-color: rgb(184,  
191, 139) }
```

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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