

Converting Colors

XYZ(43.2240, 49.6612, 24.3509)

Have a look what the booklet for
XYZ(43.2240, 49.6612, 24.3509)
contains.

XYZ(43.1360, 49.5168, 24.4237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.1360, 49.5168,
24.4237)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBF76
RGB	190, 191, 118
RGB Percent	75%, 75%, 46%
CMY	0.2549, 0.2510, 0.5372
CMYK	0.01, 0.00, 0.38, 0.25
HSL	61°, 36%, 61%
HSV	61°, 38%, 75%
XYZ	43.1360, 49.5168, 24.4237
YIQ	182.3790, 22.8370, -22.9150

Conversions

Conversions Part 2

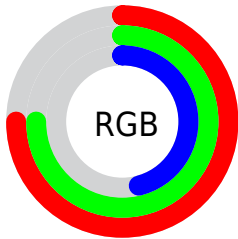
Format	Color
RYB	118, 191, 119
Decimal	12500854
CIELab	75.77, -11.33, 36.71
CIELCh	76, 38.415, 107.148
Yxy	49.5168, 0.3684, 0.4229
Android (android.graphics.Color)	4290690934 (0xFFBEBF76)
YUV	182.3790, -31.7388, 6.6836
Hunter-Lab	70.3682, -13.7230, 28.6791

Details

The XYZ color **43.1360, 49.5168, 24.4237** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.4920, 20.6416, 52.0393**, and the grayscale version is **44.8302, 47.1649, 51.3626**.

A 20% lighter version of the original color is **78.9692, 89.2360, 51.5902**, and **20.1235, 23.7452, 8.9915** is the 20% darker color. If you saturate the color by 10%, you get **42.0489, 49.0761, 19.0361**, and if you desaturate by 10%, it is **44.4556, 50.0540, 31.0238**.

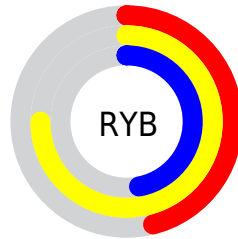
Distribution



Red (75%)

Green (75%)

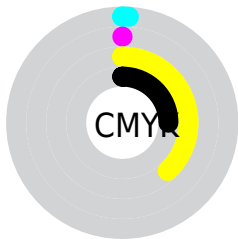
Blue (46%)



Red (46%)

Yellow (75%)

Blue (47%)

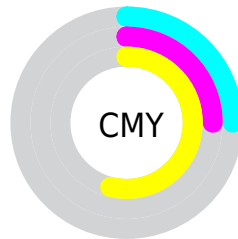


Cyan (1%)

Magenta (0%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1360, 49.5168, 24.4237 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 43.1360, 49.5168, 24.4237 by changing the saturation by 10% instead.

■ 43.1360, 49.5168,
24.4237

■ 43.1360, 49.5168,
24.4237

350.0828,
384.7733, 288.3109

■ 30.1868, 35.0296,
15.4331

■ 79.1705, 89.4585,
51.6732

■ 20.1292, 23.6857,
8.9739

■ 102.9865,
115.6819, 70.7692

■ 12.5978, 15.1006,
4.6276

■ 131.1555,
146.5860, 94.0708

■ 7.2273, 8.8900,
1.9756

164.0428,
182.5555, 121.9964

■ 3.6522, 4.6695,
0.5402

202.0139,
223.9745, 154.9647

■ 1.5073, 2.0547,
0.0000

245.4340,

■ 0.3308, 0.6390,

271.2275, 193.3942

0.0000

294.6685,
324.6990, 237.7034

■ 0.0000, 0.0000,
0.0000

■ 43.1360, 49.5168,
24.4237

■ 43.1360, 49.5168,
24.4237

■ 42.0489, 49.0761,
19.0361

■ 44.4556, 50.0540,
31.0238

■ 41.1765, 48.7196,
14.7845

■ 46.0167, 50.6861,
38.9008

■ 40.5047, 48.4433,
11.5884


■ 47.8325, 51.4200,
48.1180


■ 40.0160, 48.2403,
9.3554


■ 49.9139, 52.2602,
58.7337


■ 39.6897, 48.1023,
7.9774

■ 52.2715, 53.2109,
70.8029


 39.4936, 48.0163,
7.2841

 54.9151, 54.2760,
84.3774

 39.4634, 48.0029,
7.1855

 57.8540, 55.4592,
99.5066

 58.4466, 55.7039,
102.2792

 58.5133, 55.7383,
102.2823

Harmonies

Analogous

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



50.1804, 49.5168, 23.9770



43.1360, 49.5168, 24.4237



37.7106, 49.5168, 31.3753

Triad

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



43.1360, 49.5168, 24.4237



38.3412, 49.5168, 88.1327



61.7382, 49.5168, 63.1301

Complementary

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



43.1360, 49.5168, 24.4237



23.4920, 20.6416, 52.0393

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.



57.8492, 49.5168, 85.2751



43.1360, 49.5168, 24.4237



44.0798, 49.5168, 101.9784

Square

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



43.1360, 49.5168, 24.4237



35.1403, 49.5168, 66.3425



51.2240, 49.5168, 100.8174



61.4199, 49.5168, 43.1459

Rectangle

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



43.1360, 49.5168, 24.4237



35.5257, 49.5168, 40.0580



51.2240, 49.5168, 100.8174



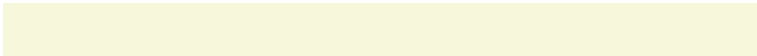
60.8643, 49.5168, 70.6485

Sweetspot

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



43.1372, 49.5190, 24.4247



84.6540, 91.6803, 81.0428



31.2360, 25.3424, 20.3854



18.4894, 20.0918, 17.2889



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.



43.1372, 49.5190, 24.4247



75.5709, 87.9986, 35.3994



35.3246, 45.4915, 24.0591



10.3089, 11.1137, 10.1784



25.9393, 31.5481, 4.7222



1.0203, 1.2379, 0.1852

Inverse Universe

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



23.4920, 20.6416, 52.0393



35.3218, 28.8305, 91.9823



29.3057, 23.6387, 52.3114



9.0283, 9.2315, 11.9782



6.2074, 2.4861, 32.5456



0.2474, 0.0996, 1.2750

Previews

White Background



This preview shows how the XYZ color 43.1360, 49.5168, 24.4237 looks on a white background.

Color Contrast Check

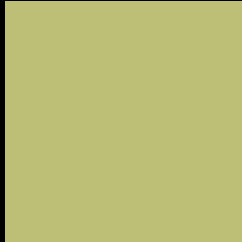
Large Text (above 18pt) WCAG AA × Fail

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 43.1360, 49.5168, 24.4237 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

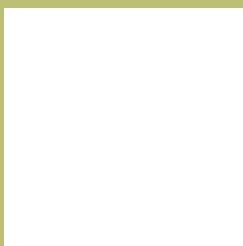
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1360, 49.5168, 24.4237

Background



This preview shows how black text looks on a background with the XYZ color 43.1360, 49.5168, 24.4237.



This preview shows how white text looks on a background with the XYZ color 43.1360, 49.5168,

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

43.1360, 49.5168, 24.4237

Protanopia

45.8245, 49.6390, 23.6891

Deuteranopia

50.4229, 49.2288, 24.9337



Tritanopia

50.2449, 49.5835, 59.1469

Trichromacy



Original Color

43.1360, 49.5168, 24.4237

Protanomaly

44.7473, 49.3929, 24.0050

Deuteranomaly

47.4750, 49.2201, 24.7675

Tritanomaly

47.1818, 49.2608, 44.0673

Monochromacy



Original Color

43.1360, 49.5168, 24.4237

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6146, 47.5154, 39.6735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1360, 49.5168, 24.4237 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, 191, 118)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 118)  
}
```

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, 191, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 118) }
```

Border

The CSS property to change the border of an element to XYZ 43.1360, 49.5168, 24.4237 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, 191, 118) }
```


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

```
.border{ border-color:rgb(190, 191, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 118);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1360, 49.5168, 24.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 118) }
```

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

```
.background{ background-color: rgb(190,  
191, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor