

Converting Colors

XYZ(43.1495, 49.3032, 37.3797)

Have a look what the booklet for
XYZ(43.1495, 49.3032, 37.3797)
contains.

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Color

**XYZ(43.2030, 49.2648,
37.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BF99
RGB	180, 191, 153
RGB Percent	71%, 75%, 60%
CMY	0.2941, 0.2510, 0.4000
CMYK	0.06, 0.00, 0.20, 0.25
HSL	77°, 23%, 67%
HSV	77°, 20%, 75%
XYZ	43.2030, 49.2648, 37.3690
YIQ	183.3790, 5.6420, -14.1500

Conversions

Conversions Part 2

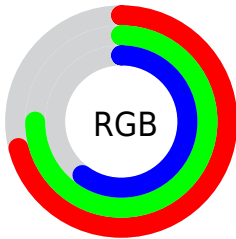
Format	Color
RYB	153, 191, 164
Decimal	11845529
CIELab	75.62, -10.46, 17.93
CIELCh	76, 20.756, 120.247
Yxy	49.2648, 0.3327, 0.3794
Android (android.graphics.Color)	4290035609 (0xFFB4BF99)
YUV	183.3790, -14.9768, -2.9634
Hunter-Lab	70.1889, -12.9594, 17.5659

Details

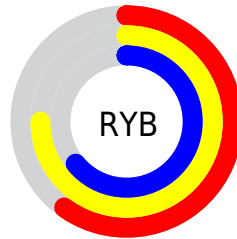
The XYZ color **43.2030, 49.2648, 37.3690** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1069, 34.4379, 54.0370**, and the grayscale version is **45.2965, 47.6555, 51.8968**.

A 20% lighter version of the original color is **79.1153, 88.8594, 72.0132**, and **20.2391, 23.6483, 16.0682** is the 20% darker color. If you saturate the color by 10%, you get **40.4885, 48.0349, 29.6558**, and if you desaturate by 10%, it is **46.2240, 50.6266, 46.4168**.

Distribution



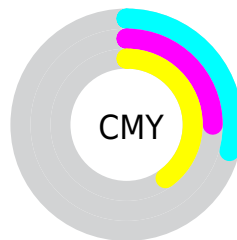
- Red (71%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2030, 49.2648, 37.3690 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 43.2030, 49.2648, 37.3690 by changing the saturation by 10% instead.


 43.2030, 49.2648,
37.3690


 43.2030, 49.2648,
37.3690


350.3533,
383.7838, 350.1220

 30.2396, 34.8296,
25.1953


 79.2709, 89.0846,
72.3326

 20.1695, 23.5316,
16.0023


 103.1062,
115.2380, 95.9596

 12.6273, 14.9865,
9.3714


131.2961,
146.0662, 124.2414

 7.2476, 8.8099,
4.8841

164.2061,
181.9537, 157.5966

 3.6652, 4.6174,
2.1219

202.2014,
223.2848, 196.4437

 1.5145, 2.0246,
0.6287

245.6475,

 0.3357, 0.6217,

270.4439, 241.2013

0.0000

294.9097,
323.8155, 292.2879

■ 0.0000, 0.0000,
0.0000

■ 43.2030, 49.2648,
37.3690

■ 43.2030, 49.2648,
37.3690

■ 40.4885, 48.0349,
29.6558

■ 46.2240, 50.6266,
46.4168

■ 38.0641, 46.9252,
23.2109

■ 49.5595, 52.1185,
56.8550

■ 35.9176, 45.9324,
17.9669


■ 53.2218, 53.7472,
68.7400


■ 34.0340, 45.0506,
13.8492


■ 57.2215, 55.5170,
82.1244


■ 32.3970, 44.2731,
10.7746


■ 61.5684, 57.4319,
97.0578

 30.9881, 43.5923,
8.6486


 64.1757, 58.6572,
102.5473

 29.7854, 42.9996,
7.3594

 65.8093, 59.4994,
102.6237

 28.7468, 42.4779,
6.6896

 67.4982, 60.3700,
102.7028

 28.7364, 42.4727,
6.6835

 69.2429, 61.2694,
102.7844

Harmonies

Analogous

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



46.7929, 49.2648, 35.1522



43.2030, 49.2648, 37.3690



40.7026, 49.2648, 43.8166

Triad

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



43.2030, 49.2648, 37.3690



43.2553, 49.2648, 74.1733



54.6031, 49.2648, 53.5498

Complementary

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



43.2030, 49.2648, 37.3690



36.1069, 34.4379, 54.0370

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.



53.5319, 49.2648, 64.8340



43.2030, 49.2648, 37.3690



46.8566, 49.2648, 77.6870

Square

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



43.2030, 49.2648, 37.3690



40.7316, 49.2648, 65.0135



50.6434, 49.2648, 74.0602



53.4971, 49.2648, 43.6786

Rectangle

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



43.2030, 49.2648, 37.3690



39.9183, 49.2648, 50.1381



50.6434, 49.2648, 74.0602



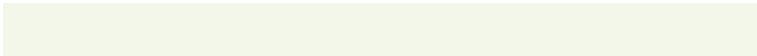
54.4850, 49.2648, 57.3034

Sweetspot

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



43.2043, 49.2670, 37.3701



84.9862, 91.6551, 89.9355



40.4711, 39.8453, 35.6955



18.5768, 20.0884, 19.4835



92.9021, 97.7402, 106.4391



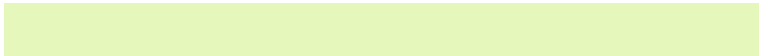
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.2043, 49.2670, 37.3701



75.1284, 87.2157, 60.4437



39.1272, 47.1651, 37.1793



10.0458, 10.9780, 10.1661



18.9671, 27.9538, 4.3959



0.8048, 1.1268, 0.1751

Inverse Universe

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



36.1069, 34.4379, 54.0370



60.0479, 55.7015, 95.8657



40.2699, 36.5840, 54.2318



9.2691, 9.3556, 11.9895



7.2969, 3.0478, 32.5966



0.3530, 0.1540, 1.2800

Previews

White Background



This preview shows how the XYZ color 43.2030, 49.2648, 37.3690 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 43.2030, 49.2648, 37.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

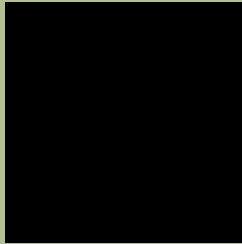
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2030, 49.2648, 37.3690

Background



This preview shows how black text looks on a background with the XYZ color 43.2030, 49.2648, 37.3690.



This preview shows how white text looks on a background with the XYZ color 43.2030, 49.2648,

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

43.2030, 49.2648, 37.3690

Protanopia

46.0899, 49.1901, 35.9196

Deuteranopia

50.0608, 49.0538, 37.8402



Tritanopia

48.1513, 49.3862, 61.0275

Trichromacy



Original Color

43.2030, 49.2648, 37.3690

Protanomaly

45.0550, 49.2772, 36.4149

Deuteranomaly

47.1233, 48.7566, 37.4992

Tritanomaly

45.9810, 49.1084, 51.3114

Monochromacy



Original Color

43.2030, 49.2648, 37.3690

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.2967, 48.0415, 45.9680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2030, 49.2648, 37.3690 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(180, 191, 153)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 153)  
}
```

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(180, 191, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.2030, 49.2648, 37.3690 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(180, 191, 153) }
```


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

```
.border{ border-color:rgb(180, 191, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 153);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2030, 49.2648, 37.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 153) }
```

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

```
.background{ background-color: rgb(180,  
191, 153) }
```

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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