

Converting Colors

XYZ(47.4339, 53.1573, 34.9545)

Have a look what the booklet for
XYZ(47.4339, 53.1573, 34.9545)
contains.

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Color

**XYZ(47.4339, 53.1573,
34.9545)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C492
RGB	195, 196, 146
RGB Percent	76%, 77%, 57%
CMY	0.2353, 0.2314, 0.4274
CMYK	0.01, 0.00, 0.26, 0.23
HSL	61°, 30%, 67%
HSV	61°, 26%, 77%
XYZ	47.4339, 53.1573, 34.9545
YIQ	190.0010, 15.4540, -15.7620

Conversions

Conversions Part 2

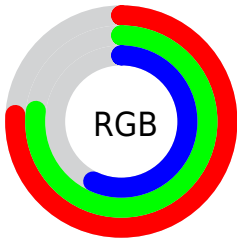
Format	Color
RYB	146, 196, 147
Decimal	12829842
CIELab	77.97, -8.43, 25.07
CIELCh	78, 26.449, 108.592
Yxy	53.1573, 0.3499, 0.3922
Android (android.graphics.Color)	4291019922 (0xFFC3C492)
YUV	190.0010, -21.6925, 4.3841
Hunter-Lab	72.9091, -11.4605, 22.6112

Details

The XYZ color **47.4339, 53.1573, 34.9545** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.2774, 30.7478, 56.4613**, and the grayscale version is **49.0600, 51.6150, 56.2087**.

A 20% lighter version of the original color is **85.6955, 95.1161, 68.4862**, and **22.7231, 25.8349, 14.6155** is the 20% darker color. If you saturate the color by 10%, you get **45.9370, 52.5486, 27.5965**, and if you desaturate by 10%, it is **49.1952, 53.8754, 43.6916**.

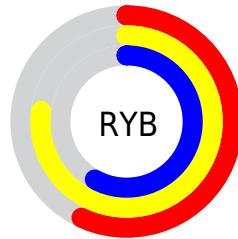
Distribution



Red (76%)

Green (77%)

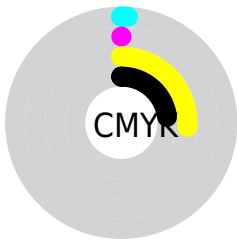
Blue (57%)



Red (57%)

Yellow (77%)

Blue (58%)

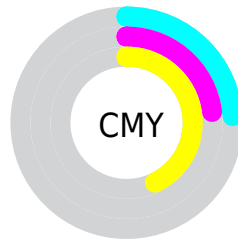


Cyan (1%)

Magenta (0%)

Yellow (26%)

Black (23%)



Cyan (24%)


Magenta (23%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4339, 53.1573, 34.9545 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 47.4339, 53.1573, 34.9545 by changing the saturation by 10% instead.


 47.4339, 53.1573,
34.9545

 47.4339, 53.1573,
34.9545


367.1639,
398.8883, 339.2656

 33.5882, 37.9284,
23.3446


 85.5757, 94.8358,
68.5660

 22.7388, 25.9271,
14.6404


 110.6026,
122.0541, 91.4047

 14.5204, 16.7691,
8.4236


140.0872,
154.0377, 118.8234

 8.5676, 10.0700,
4.2756

174.3949,
191.1710, 151.2406

 4.5151, 5.4454,
1.7777

213.8910,
233.8383, 189.0749

 1.9975, 2.5109,
0.4132

258.9410,

 0.6325, 0.8821,

282.4240, 232.7448

0.0000

309.9102,
337.3125, 282.6689

■ 0.0000, 0.0000,
0.0000

■ 47.4339, 53.1573,
34.9545

■ 47.4339, 53.1573,
34.9545

■ 45.9370, 52.5486,
27.5965

■ 49.1952, 53.8754,
43.6916

■ 44.6871, 52.0370,
21.5439

■ 51.2293, 54.7009,
53.8696

■ 43.6712, 51.6189,
16.7215

■ 53.5491, 55.6406,
65.5506

■ 42.8730, 51.2880,
13.0449

■ 56.1655, 56.6991,
78.7923

■ 42.2747, 51.0370,
10.4193

■ 59.0889, 57.8803,
93.6492

■ 41.8553, 50.8577,
8.7343

■ 60.9124, 58.6216,
102.7124

■ 41.5891, 50.7396,
7.8544

■ 61.0159, 58.6750,
102.7173

■ 41.4960, 50.6973,
7.5985

■ 61.1197, 58.7285,
102.7221

■ 61.2238, 58.7822,
102.7270

Harmonies

Analogous

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



52.5075, 53.1573, 34.3018



47.4339, 53.1573, 34.9545



43.4584, 53.1573, 41.0817

Triad

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



47.4339, 53.1573, 34.9545



44.2564, 53.1573, 81.8496



60.8612, 53.1573, 63.6691

Complementary

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



47.4339, 53.1573, 34.9545



32.2774, 30.7478, 56.4613

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.



58.3176, 53.1573, 78.7258



47.4339, 53.1573, 34.9545



48.5919, 53.1573, 90.3502

Square

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



47.4339, 53.1573, 34.9545



41.7117, 53.1573, 67.3957



53.7463, 53.1573, 89.1187



60.4985, 53.1573, 49.3036

Rectangle

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



47.4339, 53.1573, 34.9545



41.8582, 53.1573, 48.1368



53.7463, 53.1573, 89.1187



60.3111, 53.1573, 68.8549

Sweetspot

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



47.4353, 53.1597, 34.9556



91.7870, 98.6774, 92.5036



38.3628, 34.6281, 31.8568



19.5230, 21.0710, 19.1825



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.4353, 53.1597, 34.9556



84.2495, 95.6125, 55.0630



41.5439, 50.1226, 34.6799



10.8928, 11.7477, 10.7553



26.6708, 32.5781, 4.8825



1.1588, 1.4109, 0.2113

Inverse Universe

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



32.2774, 30.7478, 56.4613



51.8199, 47.6616, 101.0761



37.2210, 33.2963, 56.6927



9.5466, 9.7574, 12.6650



6.4426, 2.5817, 33.7154



0.2850, 0.1149, 1.4571

Previews

White Background



This preview shows how the XYZ color 47.4339, 53.1573, 34.9545 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 47.4339, 53.1573, 34.9545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

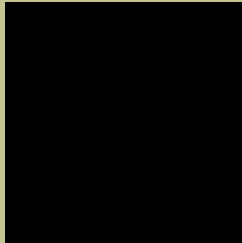
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

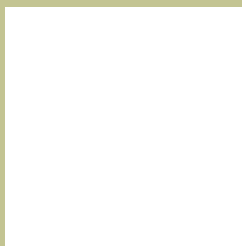
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4339, 53.1573, 34.9545

Background



This preview shows how black text looks on a background with the XYZ color 47.4339, 53.1573, 34.9545.



This preview shows how white text looks on a background with the XYZ color 47.4339, 53.1573,

34.9545.

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

47.4339, 53.1573, 34.9545

Protanopia

49.3373, 52.8347, 33.9833

Deuteranopia

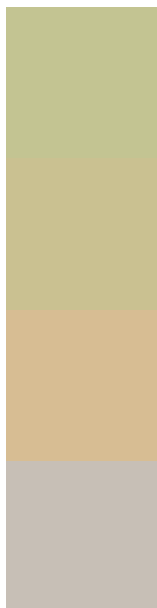
54.0583, 53.0048, 35.3987



Tritanopia

53.1198, 52.8348, 63.8983

Trichromacy



Original Color

47.4339, 53.1573, 34.9545

Protanomaly

48.5379, 52.7408, 34.4098

Deuteranomaly

51.4884, 52.9488, 35.1102

Tritanomaly

50.6275, 52.7811, 51.7754

Monochromacy



Original Color

47.4339, 53.1573, 34.9545

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2278, 51.9617, 47.5321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4339, 53.1573, 34.9545 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(195, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 146)  
}
```

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(195, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.4339, 53.1573, 34.9545 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(195, 196, 146) }
```


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

```
.border{ border-color:rgb(195, 196, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 146);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4339, 53.1573, 34.9545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 146) }
```

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

```
.background{ background-color: rgb(195,  
196, 146) }
```

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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