

Converting Colors

XYZ(49.3537, 55.5087, 35.0138)

Have a look what the booklet for
XYZ(49.3537, 55.5087, 35.0138)
contains.

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Color

**XYZ(49.3183, 55.4950,
34.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C891
RGB	199, 200, 145
RGB Percent	78%, 78%, 57%
CMY	0.2196, 0.2157, 0.4314
CMYK	0.01, 0.00, 0.28, 0.22
HSL	61°, 33%, 68%
HSV	61°, 28%, 78%
XYZ	49.3183, 55.4950, 34.9003
YIQ	193.4310, 17.0590, -17.3170

Conversions

Conversions Part 2

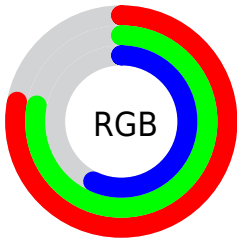
Format	Color
R_{YB}	145, 200, 146
Decimal	13093009
CIE _{Lab}	79.33, -9.10, 27.48
CIE _{LCh}	79, 28.949, 108.324
Yxy	55.4950, 0.3530, 0.3972
Android (android.graphics.Color)	4291283089 (0xFFC7C891)
YUV	193.4310, -23.8765, 4.8840
Hunter-Lab	74.4950, -12.1929, 24.3696

Details

The XYZ color **49.3183, 55.4950, 34.9003** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.4069, 30.5333, 58.8322**, and the grayscale version is **51.0727, 53.7324, 58.5146**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **23.8009, 27.2952, 14.6037** is the 20% darker color. If you saturate the color by 10%, you get **47.8137, 54.8839, 27.4761**, and if you desaturate by 10%, it is **51.0976, 56.2198, 43.7568**.

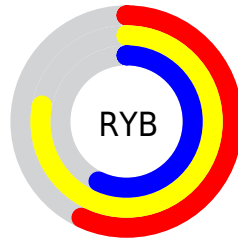
Distribution



Red (78%)

Green (78%)

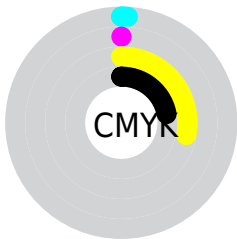
Blue (57%)



Red (57%)

Yellow (78%)

Blue (57%)

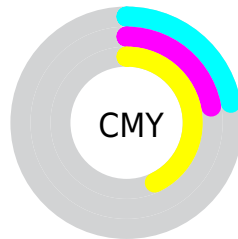


Cyan (1%)

Magenta (0%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3183, 55.4950, 34.9003 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 49.3183, 55.4950, 34.9003 by changing the saturation by 10% instead.

■ 49.3183, 55.4950,
34.9003

■ 49.3183, 55.4950,
34.9003

374.4903,
407.7856, 339.0189

■ 35.0876, 39.7982,
23.3031

■ 88.3619, 98.2658,
68.4811

■ 23.8972, 27.3812,
14.6101

■ 113.9055,
126.1086, 91.3018

■ 15.3817, 17.8597,
8.4026

143.9508,
158.7689, 118.7008

■ 9.1758, 10.8493,
4.2622

178.8632,
196.6309, 151.0967

■ 4.9140, 5.9656,
1.7703

219.0080,
240.0793, 188.9079

■ 2.2311, 2.8242,
0.4082

264.7505,

■ 0.7591, 1.0406,

289.4982, 232.5529

0.0000

316.4561,
345.2722, 282.4504

■ 0.0000, 0.0000,
0.0000

■ 49.3183, 55.4950,
34.9003

■ 49.3183, 55.4950,
34.9003

■ 47.8137, 54.8839,
27.4761

■ 51.0976, 56.2198,
43.7568

■ 46.5651, 54.3733,
21.4057

■ 53.1604, 57.0562,
54.1116

■ 45.5586, 53.9596,
16.6084

■ 55.5205, 58.0115,
66.0309

■ 44.7769, 53.6358,
12.9937

■ 58.1896, 59.0904,
79.5756

■ 44.2005, 53.3941,
10.4590

■ 61.1786, 60.2974,
94.8038

■ 43.8066, 53.2255,
8.8843

■ 62.8447, 60.9752,
103.0649

■ 43.5631, 53.1171,
8.1001

■ 62.9432, 61.0259,
103.0695

■ 43.5119, 53.0939,
7.9548

■ 63.0419, 61.0768,
103.0741

■ 63.1408, 61.1278,
103.0787

Harmonies

Analogous

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



55.0348, 55.4950, 34.2398



49.3183, 55.4950, 34.9003



44.8497, 55.4950, 41.5840

Triad

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



49.3183, 55.4950, 34.9003



45.6753, 55.4950, 87.5481



64.4349, 55.4950, 67.1191

Complementary

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



49.3183, 55.4950, 34.9003



32.4069, 30.5333, 58.8322

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.



61.5194, 55.4950, 84.2379



49.3183, 55.4950, 34.9003



50.5222, 55.4950, 97.3965

Square

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



49.3183, 55.4950, 34.9003



42.8551, 55.4950, 71.0291



56.3296, 55.4950, 96.0848



64.0532, 55.4950, 50.9319

Rectangle

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



49.3183, 55.4950, 34.9003



43.0495, 55.4950, 49.3822



56.3296, 55.4950, 96.0848



63.7998, 55.4950, 73.0014

Sweetspot

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



49.3197, 55.4975, 34.9015



91.8007, 98.6844, 92.5042



39.1981, 34.8571, 31.4509



19.5265, 21.0728, 19.1826



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.



49.3197, 55.4975, 34.9015



83.7731, 95.4241, 52.4565



42.6891, 52.0793, 34.5912



11.5040, 12.4068, 11.3512



27.6737, 33.7616, 5.0581



1.3166, 1.6018, 0.2398

Inverse Universe

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



32.4069, 30.5333, 58.8322



49.6830, 45.1037, 100.6951



37.8783, 33.3540, 59.0883



10.0743, 10.2966, 13.3740



6.6661, 2.6708, 34.9085



0.3220, 0.1298, 1.6532

Previews

White Background



This preview shows how the XYZ color 49.3183, 55.4950, 34.9003 looks on a white background.

Color Contrast Check

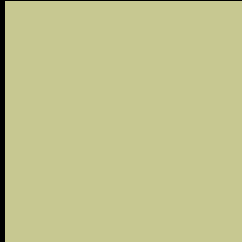
Large Text (above 18pt) WCAG AA × Fail

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 49.3183, 55.4950, 34.9003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

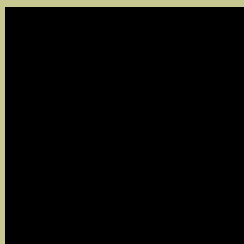
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

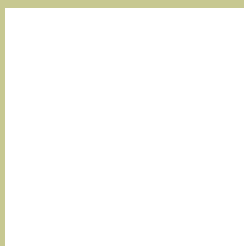
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3183, 55.4950, 34.9003

Background



This preview shows how black text looks on a background with the XYZ color 49.3183, 55.4950, 34.9003.



This preview shows how white text looks on a background with the XYZ color 49.3183, 55.4950,

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

49.3183, 55.4950, 34.9003

Protanopia

51.5618, 55.3119, 33.9453

Deuteranopia

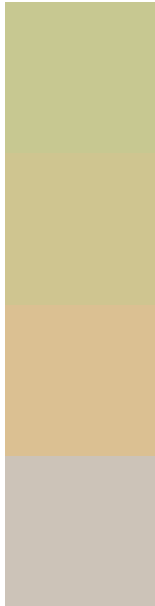
56.2047, 55.0619, 35.2695



Tritanopia

55.8442, 55.4697, 66.7949

Trichromacy



Original Color

49.3183, 55.4950, 34.9003

Protanomaly

50.7324, 55.2115, 34.3686

Deuteranomaly

53.2514, 54.8347, 34.9716

Tritanomaly

53.0687, 55.3283, 53.2298

Monochromacy



Original Color

49.3183, 55.4950, 34.9003

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0821, 54.2165, 48.8995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3183, 55.4950, 34.9003 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(199, 200, 145)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 145)  
}
```

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(199, 200, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 145) }
```

Border

The CSS property to change the border of an element to XYZ 49.3183, 55.4950, 34.9003 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(199, 200, 145) }
```


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

```
.border{ border-color:rgb(199, 200, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 200, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 145);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3183, 55.4950, 34.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 145) }
```

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

```
.background{ background-color: rgb(199,  
200, 145) }
```

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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