

# Converting Colors

XYZ(43.4111, 54.2083, 37.5296)

Have a look what the booklet for  
XYZ(43.4111, 54.2083, 37.5296)  
contains.

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# Color

**XYZ(43.3536, 54.1125,  
37.4379)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7CD97
RGB	167, 205, 151
RGB Percent	65%, 80%, 59%
CMY	0.3451, 0.1961, 0.4078
CMYK	0.19, 0.00, 0.26, 0.20
HSL	102°, 35%, 70%
HSV	102°, 26%, 80%
XYZ	43.3536, 54.1125, 37.4379
YIQ	187.4820, -5.3140, -24.8500

# Conversions

## Conversions Part 2

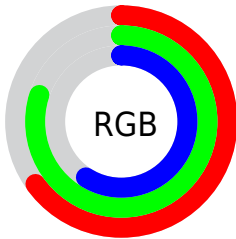
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 205, 189</a>
Decimal	<a href="#">10997143</a>
CIELab	<a href="#">78.53, -22.56, 22.86</a>
CIElCh	<a href="#">79, 32.120, 134.615</a>
Yxy	<a href="#">54.1125, 0.3214, 0.4011</a>
Android (android.graphics.Color)	<a href="#">4289187223</a> ( <a href="#">0xFFA7CD97</a> )
YUV	<a href="#">187.4820, -17.9856, -17.9627</a>
Hunter-Lab	<a href="#">73.5612, -23.5324, 21.3181</a>

# Details

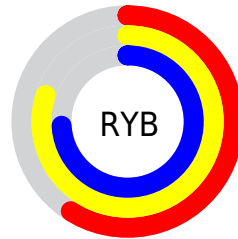
The XYZ color **43.3536, 54.1125, 37.4379** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.0745, 37.3613, 62.7017**, and the grayscale version is **47.6083, 50.0876, 54.5454**.

A 20% lighter version of the original color is **77.2109, 91.6158, 71.3718**, and **20.3063, 26.6307, 16.1266** is the 20% darker color. If you saturate the color by 10%, you get **38.9520, 52.0209, 29.2840**, and if you desaturate by 10%, it is **48.3876, 56.4998, 47.1348**.

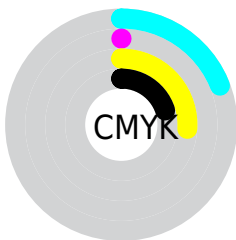
# Distribution



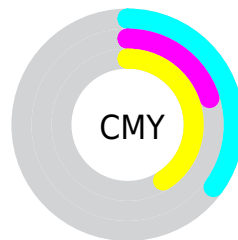
- Red (65%)
- Green (80%)
- Blue (59%)



- Red (59%)
- Yellow (80%)
- Blue (74%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)




- Cyan (35%)
- Magenta (20%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3536, 54.1125, 37.4379 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 43.3536, 54.1125, 37.4379 by changing the saturation by 10% instead.





 43.3536, 54.1125,  
37.4379


 43.3536, 54.1125,  
37.4379


350.9608,  
402.5389, 350.4281

 30.3584, 38.6916,  
25.2483


 79.4966, 96.2394,  
72.4396

 20.2602, 26.5199,  
16.0414


 103.3750,  
123.7142, 96.0888

 12.6937, 17.2130,  
9.3988


131.6120,  
155.9758, 124.3949

 7.2935, 10.3865,  
4.9019

164.5727,  
193.4085, 157.7764

 3.6943, 5.6559,  
2.1321

202.6226,  
236.3968, 196.6520

 1.5307, 2.6370,  
0.6348

246.1270,

 0.3466, 0.9453,

285.3250, 241.4401

0.0000

295.4513,  
340.5776, 292.5593

■ 0.0000, 0.0000,  
0.0000

■ 43.3536, 54.1125,  
37.4379

■ 43.3536, 54.1125,  
37.4379

■ 38.9520, 52.0209,  
29.2840

■ 48.3876, 56.4998,  
47.1348

■ 35.1525, 50.2065,  
22.5902

■ 54.0743, 59.1870,  
58.4450

■ 31.9285, 48.6588,  
17.2710

■ 60.4383, 62.1867,  
71.4385

■ 29.2494, 47.3643,  
13.2309

■ 67.5014, 65.5090,  
86.1803

■ 27.0817, 46.3081,  
10.3617

■ 75.2848, 69.1631,  
102.7320

■ 25.3875, 45.4733,  
8.5377

■ 80.5954, 71.8732,  
104.2328

■ 24.1211, 44.8399,  
7.5990

■ 81.1224, 72.1448,  
104.2575

■ 23.7406, 44.6485,  
7.3668

# Harmonies

## Analogous

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



48.4238, 54.1125, 31.2305



43.3536, 54.1125, 37.4379



40.5734, 54.1125, 50.1520

# Triad

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



43.3536, 54.1125, 37.4379



48.2722, 54.1125, 99.2932



64.1230, 54.1125, 50.5594

# Complementary

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



43.3536, 54.1125, 37.4379



43.0745, 37.3613, 62.7017

# 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.



64.0740, 54.1125, 68.6531



43.3536, 54.1125, 37.4379



54.5629, 54.1125, 99.4649

# Square

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



43.3536, 54.1125, 37.4379



43.2505, 54.1125, 86.9286



60.4570, 54.1125, 87.3585



60.5859, 54.1125, 37.6832



# Rectangle

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



43.3536, 54.1125, 37.4379



40.2358, 54.1125, 61.7668



60.4570, 54.1125, 87.3585



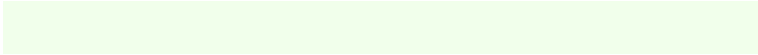
64.5341, 54.1125, 56.1607

# Sweetspot

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



43.3550, 54.1148, 37.4391



86.8518, 96.1332, 92.2726



48.9196, 51.5250, 36.6459



18.2773, 20.4289, 19.1242



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

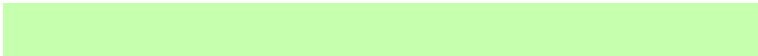


# Same Dimension

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



43.3550, 54.1148, 37.4391



66.5185, 86.5008, 52.9288



41.0993, 52.8459, 42.1245



11.3752, 12.6953, 11.9303



14.8625, 27.8372, 4.5898



0.8436, 1.4757, 0.2404



# Inverse Universe

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



43.0745, 37.3613, 62.7017



65.9689, 54.2206, 101.5964



46.0055, 39.0178, 56.2656



11.3513, 11.2304, 14.1398



14.1484, 6.5013, 36.4654

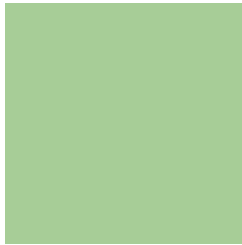


0.8037, 0.3735, 1.8847



# Previews

## White Background



This preview shows how the XYZ color 43.3536, 54.1125, 37.4379 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

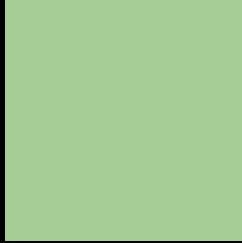
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.3536, 54.1125, 37.4379 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 43.3536, 54.1125, 37.4379**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.3536, 54.1125, 37.4379.



This preview shows how white text looks on a background with the XYZ color 43.3536, 54.1125,



# 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

43.3536, 54.1125, 37.4379

### Protanopia

50.2122, 53.9243, 34.9561

### Deuteranopia

54.8393, 53.6531, 38.4761



## Tritanopia

50.1080, 54.0837, 70.7490

# Trichromacy



## Original Color

43.3536, 54.1125, 37.4379

## Protanomaly

47.2776, 53.7328, 35.8966

## Deuteranomaly

50.0795, 53.4522, 38.2497

## Tritanomaly

47.1821, 53.9105, 56.6342

# Monochromacy



## Original Color

43.3536, 54.1125, 37.4379

## Achromatopsia

47.2335, 49.6933, 54.1160

## Achromatomaly

45.7542, 51.3429, 47.5431

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.3536, 54.1125, 37.4379 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(167, 205, 151)` looks like.

```
.text, #text, p{  
    color:rgb(167, 205, 151)  
}
```

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(167, 205, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 205, 151) }
```

## Border

The CSS property to change the border of an element to XYZ 43.3536, 54.1125, 37.4379 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(167, 205, 151) }
```



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

```
.border{ border-color:rgb(167, 205, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 205, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 205, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 205, 151);  
box-shadow:4px 4px 4px 4px rgb(167, 205,  
151) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.3536, 54.1125, 37.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 205, 151) }
```

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

```
.background{ background-color: rgb(167,  
205, 151) }
```

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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