

Converting Colors

XYZ(43.3274, 57.0104, 33.1067)

Have a look what the booklet for
XYZ(43.3274, 57.0104, 33.1067)
contains.

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Color

**XYZ(43.3547, 57.1340,
33.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D58B
RGB	162, 213, 139
RGB Percent	64%, 84%, 55%
CMY	0.3647, 0.1647, 0.4549
CMYK	0.24, 0.00, 0.35, 0.16
HSL	101°, 47%, 69%
HSV	101°, 35%, 84%
XYZ	43.3547, 57.1340, 33.1690
YIQ	189.3150, -6.6420, -33.8260

Conversions

Conversions Part 2

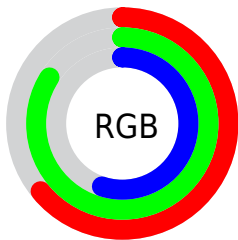
Format	Color
RYB	139, 213, 190
Decimal	10671499
CIELab	80.25, -30.00, 31.38
CIElCh	80, 43.418, 133.710
Yxy	57.1340, 0.3244, 0.4275
Android (android.graphics.Color)	4288861579 (0xFFA2D58B)
YUV	189.3150, -24.8053, -23.9553
Hunter-Lab	75.5870, -29.8945, 26.8934

Details

The XYZ color **43.3547, 57.1340, 33.1690** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.4807, 34.2182, 67.3198**, and the grayscale version is **48.6918, 51.2275, 55.7868**.

A 20% lighter version of the original color is **74.2991, 90.2757, 63.9610**, and **20.2950, 28.4095, 13.6464** is the 20% darker color. If you saturate the color by 10%, you get **39.1377, 55.1244, 25.6240**, and if you desaturate by 10%, it is **48.2260, 59.4493, 42.3298**.

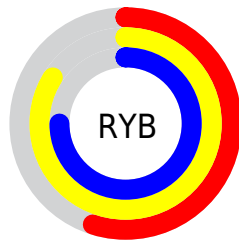
Distribution



Red (64%)

Green (84%)

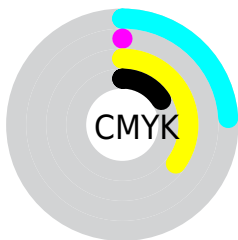
Blue (55%)



Red (55%)

Yellow (84%)

Blue (75%)

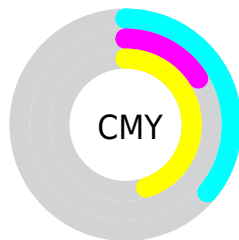


Cyan (24%)

Magenta (0%)

Yellow (35%)

Black (16%)



Cyan (36%)


Magenta (16%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3547, 57.1340, 33.1690 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 43.3547, 57.1340, 33.1690 by changing the saturation by 10% instead.

 43.3547, 57.1340,
33.1690


 43.3547, 57.1340,
33.1690


350.9653,
413.9512, 331.0659


 30.3592, 41.1128,
21.9838


 79.4982, 100.6607,
65.7583

 20.2609, 28.4073,
13.6468


 103.3770,
128.9350, 87.9995

 12.6942, 18.6329,
7.7395


 131.6143,
162.0625, 114.7631

 7.2938, 11.4053,
3.8433

164.5754,
200.4275, 146.4676

 3.6945, 6.3401,
1.5398

202.6257,
244.4145, 183.5316

 1.5308, 3.0530,
0.2473

246.1305,

 0.3466, 1.1595,

294.4079, 226.3736

0.0000

295.4553,
350.7920, 275.4122

■ 0.0000, 0.0282,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3547, 57.1340,
33.1690

■ 43.3547, 57.1340,
33.1690

■ 39.1377, 55.1244,
25.6240

■ 48.2260, 59.4493,
42.3298

■ 35.5412, 53.4000,
19.5974


■ 53.7750, 62.0753,
53.1887


■ 32.5344, 51.9489,
14.9871


■ 60.0289, 65.0260,
65.8271


■ 30.0820, 50.7553,
11.6768


■ 67.0124, 68.3126,
80.3199

 28.1442, 49.8018,
9.5318

 74.7487, 71.9454,
96.7378

 26.6745, 49.0680,
8.3879

 81.3004, 75.1507,
104.8283

 26.0555, 48.7560,
8.0376

 83.0855, 76.0709,
104.9118

Harmonies

Analogous

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



50.3629, 57.1340, 25.8091



43.3547, 57.1340, 33.1690



39.5285, 57.1340, 49.4938

Triad

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



43.3547, 57.1340, 33.1690



49.6610, 57.1340, 121.8298



72.6082, 57.1340, 51.3398

Complementary

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



43.3547, 57.1340, 33.1690



42.4807, 34.2182, 67.3198

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.



72.3673, 57.1340, 76.9348



43.3547, 57.1340, 33.1690



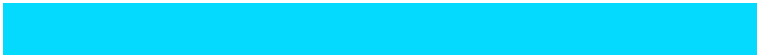
58.4459, 57.1340, 122.7227

Square

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



43.3547, 57.1340, 33.1690



42.8892, 57.1340, 102.4158



66.9574, 57.1340, 104.5987



67.5836, 57.1340, 34.2018

Rectangle

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



43.3547, 57.1340, 33.1690



39.0059, 57.1340, 65.4223



66.9574, 57.1340, 104.5987



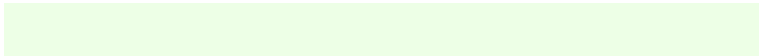
73.1557, 57.1340, 59.1031

Sweetspot

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



43.3562, 57.1365, 33.1702



85.0398, 95.2828, 88.4046



50.4229, 52.6522, 31.9322



17.9199, 20.2613, 18.3540



0.0000, 0.0000, 0.0000



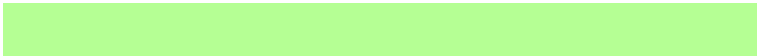
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3562, 57.1365, 33.1702



60.1966, 83.5010, 40.9201



40.1575, 55.3658, 38.5210



12.6219, 14.0813, 13.2134



16.0078, 29.8287, 4.9138



1.0497, 1.8425, 0.3003

Inverse Universe

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



42.4807, 34.2182, 67.3198



58.6615, 43.8533, 99.9805



47.0346, 36.7566, 58.9154



12.5601, 12.4301, 15.6748



14.7743, 6.7689, 38.9810



0.9744, 0.4512, 2.3550

Previews

White Background



This preview shows how the XYZ color 43.3547, 57.1340, 33.1690 looks on a white background.

Color Contrast Check

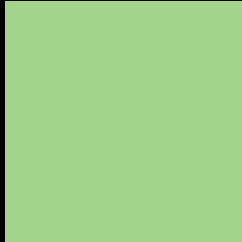
Large Text (above 18pt) WCAG AA × Fail

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 43.3547, 57.1340, 33.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

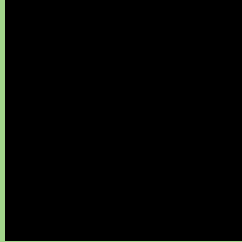
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3547, 57.1340, 33.1690

Background



This preview shows how black text looks on a background with the XYZ color 43.3547, 57.1340, 33.1690.

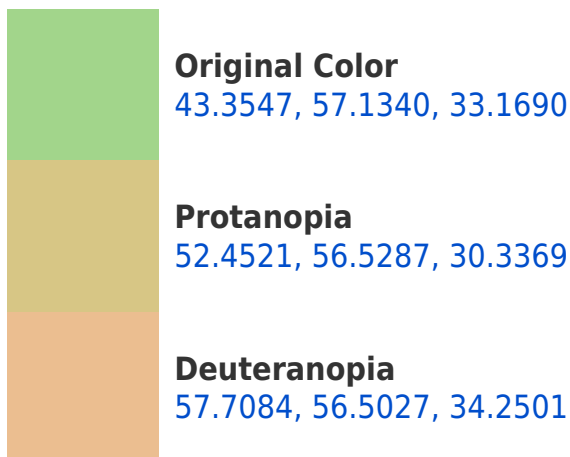


This preview shows how white text looks on a background with the XYZ color 43.3547, 57.1340,

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





Tritanopia

51.8213, 56.9403, 75.2771

Trichromacy



Original Color

43.3547, 57.1340, 33.1690

Protanomaly

48.4941, 56.1969, 31.2128

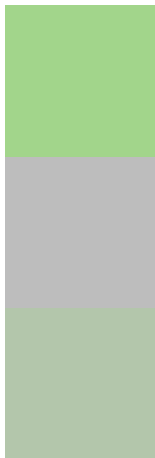
Deuteranomaly

51.0890, 55.7511, 33.6595

Tritanomaly

48.1847, 56.8894, 57.1563

Monochromacy



Original Color

43.3547, 57.1340, 33.1690

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.1352, 52.9121, 46.3096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3547, 57.1340, 33.1690 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(162, 213, 139)` looks like.

```
.text, #text, p{  
    color:rgb(162, 213, 139)  
}
```

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(162, 213, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 213, 139) }
```

Border

The CSS property to change the border of an element to XYZ 43.3547, 57.1340, 33.1690 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(162, 213, 139) }
```


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

```
.border{ border-color:rgb(162, 213, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 213, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 213, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 213, 139);  
box-shadow:4px 4px 4px 4px rgb(162, 213,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3547, 57.1340, 33.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 213, 139) }
```

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

```
.background{ background-color: rgb(162,  
213, 139) }
```

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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