

Converting Colors

XYZ(43.3616, 57.1528, 32.5641)

Have a look what the booklet for
XYZ(43.3616, 57.1528, 32.5641)
contains.

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Color

**XYZ(43.4139, 57.1812,
32.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D589
RGB	163, 213, 137
RGB Percent	64%, 84%, 54%
CMY	0.3608, 0.1647, 0.4627
CMYK	0.23, 0.00, 0.36, 0.16
HSL	99°, 48%, 69%
HSV	99°, 36%, 84%
XYZ	43.4139, 57.1812, 32.4158
YIQ	189.3860, -5.4040, -34.2360

Conversions

Conversions Part 2

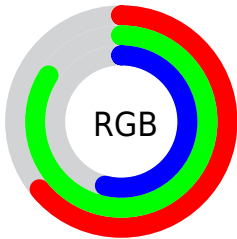
Format	Color
RYB	137, 213, 187
Decimal	10737033
CIELab	80.28, -29.94, 32.46
CIELCh	80, 44.158, 132.691
Yxy	57.1812, 0.3264, 0.4299
Android (android.graphics.Color)	4288927113 (0xFFA3D589)
YUV	189.3860, -25.8263, -23.1405
Hunter-Lab	75.6183, -29.8516, 27.5165

Details

The XYZ color **43.4139, 57.1812, 32.4158** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4518, 33.2618, 67.1893**, and the grayscale version is **48.7378, 51.2759, 55.8395**.

A 20% lighter version of the original color is **74.3774, 90.3417, 62.8078**, and **20.3370, 28.4406, 13.2218** is the 20% darker color. If you saturate the color by 10%, you get **39.3225, 55.2332, 25.0207**, and if you desaturate by 10%, it is **48.1279, 59.4188, 41.4169**.

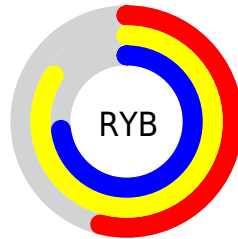
Distribution



Red (64%)

Green (84%)

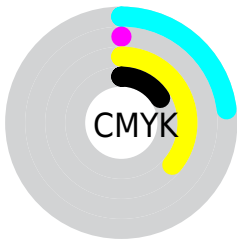
Blue (54%)



Red (54%)

Yellow (84%)

Blue (73%)

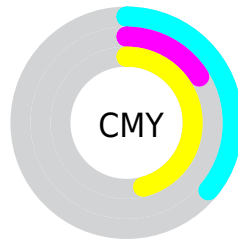


Cyan (23%)

Magenta (0%)

Yellow (36%)

Black (16%)



Cyan (36%)


Magenta (16%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4139, 57.1812, 32.4158 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 43.4139, 57.1812, 32.4158 by changing the saturation by 10% instead.


 43.4139, 57.1812,
32.4158

 43.4139, 57.1812,
32.4158


351.2039,
414.1279, 327.5599


 30.4059, 41.1507,
21.4118


 79.5869, 100.7295,
64.5678

 20.2965, 28.4369,
13.2312


 103.4826,
129.0162, 86.5530

 12.7203, 18.6553,
7.4554

 131.7384,
162.1570, 113.0356

 7.3119, 11.4214,
3.6657

164.7194,
200.5365, 144.4343

 3.7060, 6.3511,
1.4438

202.7911,
244.5389, 181.1675

 1.5372, 3.0597,
0.1755

246.3189,

 0.3509, 1.1630,

294.5487, 223.6538

0.0000

295.6680,
350.9502, 272.3118

■ 0.0000, 0.0312,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.4139, 57.1812,
32.4158

■ 43.4139, 57.1812,
32.4158

■ 39.3225, 55.2332,
25.0207

■ 48.1279, 59.4188,
41.4169

■ 35.8211, 53.5548,
19.1335


■ 53.4864, 61.9501,
52.1069


■ 32.8807, 52.1352,
14.6510


■ 59.5154, 64.7886,
64.5675


■ 30.4675, 50.9593,
11.4556


■ 66.2382, 67.9447,
78.8742


 28.5433, 50.0107,
9.4107

 73.6770, 71.4281,
95.0978

 27.0633, 49.2697,
8.3478

 80.2333, 74.6005,
104.7783

 26.5328, 49.0020,
8.0599

 83.0854, 76.0709,
104.9118

Harmonies

Analogous

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



50.6259, 57.1812, 25.2796



43.4139, 57.1812, 32.4158



39.4114, 57.1812, 48.6173

Triad

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



43.4139, 57.1812, 32.4158



49.3491, 57.1812, 122.7634



73.0917, 57.1812, 51.9701

Complementary

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



43.4139, 57.1812, 32.4158



41.4518, 33.2618, 67.1893

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.



72.6518, 57.1812, 78.2437



43.4139, 57.1812, 32.4158



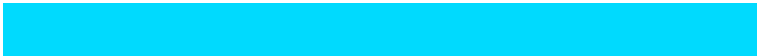
58.2504, 57.1812, 124.3996

Square

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



43.4139, 57.1812, 32.4158



42.5686, 57.1812, 102.3920



66.9815, 57.1812, 106.3862



68.1240, 57.1812, 34.2823

Rectangle

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



43.4139, 57.1812, 32.4158



38.7960, 57.1812, 64.6230



66.9815, 57.1812, 106.3862



73.5859, 57.1812, 59.9565

Sweetspot

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



43.4153, 57.1837, 32.4170



84.3916, 94.9896, 86.5238



49.6015, 51.2412, 30.9440



17.8010, 20.2082, 17.9796



0.0000, 0.0000, 0.0000



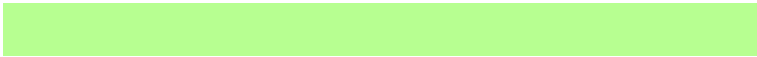
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4153, 57.1837, 32.4170



60.3927, 83.6251, 39.8880



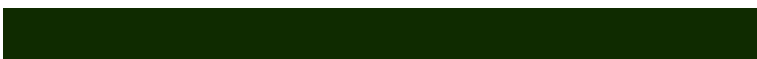
39.4895, 55.0603, 36.7307



12.6589, 14.1004, 13.2152



16.3054, 29.9821, 4.9277



1.0709, 1.8534, 0.3013

Inverse Universe

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



41.4518, 33.2618, 67.1893



56.9906, 42.4051, 99.7890



47.0018, 36.2843, 60.1581



12.5214, 12.4102, 15.6730



14.0703, 6.4060, 38.9481



0.9358, 0.4313, 2.3532

Previews

White Background



This preview shows how the XYZ color 43.4139, 57.1812, 32.4158 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 43.4139, 57.1812, 32.4158 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 43.4139, 57.1812, 32.4158

Background



This preview shows how black text looks on a background with the XYZ color 43.4139, 57.1812, 32.4158.



This preview shows how white text looks on a background with the XYZ color 43.4139, 57.1812,

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

43.4139, 57.1812, 32.4158

Protanopia

52.3151, 56.4739, 29.6160

Deuteranopia

57.8880, 56.6128, 33.4675



Tritanopia

52.0466, 57.0565, 75.2877

Trichromacy



Original Color

43.4139, 57.1812, 32.4158

Protanomaly

48.3545, 56.1411, 30.4781

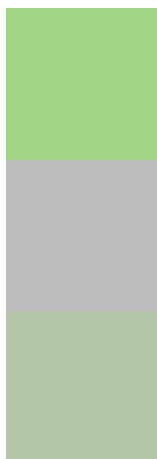
Deuteranomaly

51.2222, 55.8369, 32.8888

Tritanomaly

48.2927, 56.9577, 56.5928

Monochromacy



Original Color

43.4139, 57.1812, 32.4158

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.2722, 52.9937, 45.8202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4139, 57.1812, 32.4158 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(163, 213, 137)` looks like.

```
.text, #text, p{  
    color:rgb(163, 213, 137)  
}
```

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(163, 213, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 213, 137) }
```

Border

The CSS property to change the border of an element to XYZ 43.4139, 57.1812, 32.4158 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(163, 213, 137) }
```


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

```
.border{ border-color:rgb(163, 213, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 213, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 213, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 213, 137);  
box-shadow:4px 4px 4px 4px rgb(163, 213,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4139, 57.1812, 32.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 213, 137) }
```

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

```
.background{ background-color: rgb(163,  
213, 137) }
```

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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