

Converting Colors

XYZ(43.7122, 56.4778, 34.1888)

Have a look what the booklet for
XYZ(43.7122, 56.4778, 34.1888)
contains.

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Color

**XYZ(43.6938, 56.5409,
34.2018)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D38E
RGB	165, 211, 142
RGB Percent	65%, 83%, 56%
CMY	0.3529, 0.1725, 0.4431
CMYK	0.22, 0.00, 0.33, 0.17
HSL	100°, 44%, 69%
HSV	100°, 33%, 83%
XYZ	43.6938, 56.5409, 34.2018
YIQ	189.3800, -5.2670, -31.2110

Conversions

Conversions Part 2

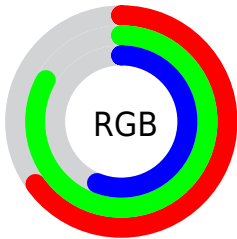
Format	Color
RYB	142, 211, 188
Decimal	10867598
CIELab	79.92, -27.56, 29.43
CIELCh	80, 40.318, 133.125
Yxy	56.5409, 0.3250, 0.4206
Android (android.graphics.Color)	4289057678 (0xFFA5D38E)
YUV	189.3800, -23.3583, -21.3813
Hunter-Lab	75.1937, -27.8656, 25.6676

Details

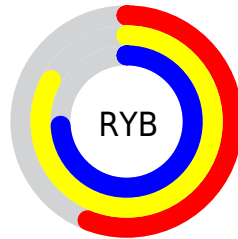
The XYZ color **43.6938, 56.5409, 34.2018** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.1724, 34.7422, 66.1143**, and the grayscale version is **48.7205, 51.2578, 55.8197**.

A 20% lighter version of the original color is **75.5426, 90.8777, 65.7842**, and **20.4589, 27.9770, 14.2193** is the 20% darker color. If you saturate the color by 10%, you get **39.4906, 54.5418, 26.5038**, and if you desaturate by 10%, it is **48.5217, 58.8308, 43.4967**.

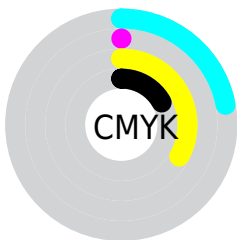
Distribution



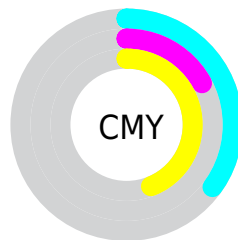
- Red (65%)
- Green (83%)
- Blue (56%)



- Red (56%)
- Yellow (83%)
- Blue (74%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)




- Cyan (35%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6938, 56.5409, 34.2018 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 43.6938, 56.5409, 34.2018 by changing the saturation by 10% instead.


 43.6938, 56.5409,
34.2018


 43.6938, 56.5409,
34.2018


352.3306,
411.7268, 335.8275

 30.6267, 40.6368,
22.7701


 80.0060, 99.7950,
67.3848

 20.4652, 28.0354,
14.2201


 103.9818,
127.9137, 89.9732

 12.8439, 18.3523,
8.1334

132.3246,
160.8728, 117.1176

 7.3974, 11.2032,
4.0914


165.3998,
199.0566, 149.2364

 3.7604, 6.2037,
1.6756

203.5726,
242.8495, 186.7483

 1.5675, 2.9693,
0.3440

247.2084,

 0.3711, 1.1157,

292.6359, 230.0717

0.0000

296.6727,
348.8002, 279.6253

■ 0.0000, 0.0000,
0.0000

■ 43.6938, 56.5409,
34.2018

■ 43.6938, 56.5409,
34.2018

■ 39.4906, 54.5418,
26.5038

■ 48.5217, 58.8308,
43.4967

■ 35.8805, 52.8141,
20.3093

■ 53.9955, 61.4155,
54.4676

■ 32.8352, 51.3471,
15.5205


■ 60.1407, 64.3081,
67.1929


■ 30.3225, 50.1264,
12.0271


■ 66.9800, 67.5189,
81.7448


■ 28.3058, 49.1362,
9.7017

■ 74.5351, 71.0575,
98.1915

 26.7432, 48.3580,
8.3915

 80.5577, 74.0255,
104.6503

 25.8449, 47.9052,
7.8845

 82.5854, 75.0709,
104.7451

Harmonies

Analogous

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



50.2488, 56.5409, 27.3013



43.6938, 56.5409, 34.2018



40.0561, 56.5409, 49.3967

Triad

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



43.6938, 56.5409, 34.2018



49.3048, 56.5409, 115.4830



70.5512, 56.5409, 51.8946

Complementary

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



43.6938, 56.5409, 34.2018



42.1724, 34.7422, 66.1143

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.



70.2325, 56.5409, 75.5800



43.6938, 56.5409, 34.2018



57.3901, 56.5409, 116.6466

Square

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



43.6938, 56.5409, 34.2018



43.0633, 56.5409, 97.7567



65.2199, 56.5409, 100.6193



66.0509, 56.5409, 35.6289

Rectangle

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



43.6938, 56.5409, 34.2018



39.5213, 56.5409, 64.0510



65.2199, 56.5409, 100.6193



71.0166, 56.5409, 59.1411

Sweetspot

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



43.6952, 56.5433, 34.2030



85.2324, 95.3821, 88.4137



49.7320, 51.7708, 32.9637



17.9663, 20.2852, 18.3562



0.0000, 0.0000, 0.0000



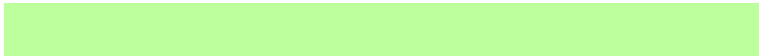
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6952, 56.5433, 34.2030



62.6337, 84.6851, 44.2978



40.2425, 54.6584, 38.7842



12.0223, 13.3949, 12.5639



15.6942, 28.9596, 4.7626



0.9610, 1.6623, 0.2702

Inverse Universe

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



42.1724, 34.7422, 66.1143



59.9425, 46.3527, 100.3954



46.9061, 37.3432, 59.0761



11.9120, 11.8035, 14.8941



13.8043, 6.2966, 37.6803



0.8541, 0.3945, 2.1107

Previews

White Background



This preview shows how the XYZ color 43.6938, 56.5409, 34.2018 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 43.6938, 56.5409, 34.2018 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

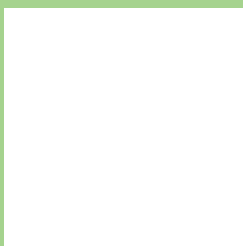
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6938, 56.5409, 34.2018

Background



This preview shows how black text looks on a background with the XYZ color 43.6938, 56.5409, 34.2018.



This preview shows how white text looks on a background with the XYZ color 43.6938, 56.5409,

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

43.6938, 56.5409, 34.2018

Protanopia

52.1417, 56.0062, 31.3547

Deuteranopia

57.0683, 55.8254, 35.3713



Tritanopia

51.9069, 56.6501, 74.5284

Trichromacy



Original Color

43.6938, 56.5409, 34.2018

Protanomaly

48.4729, 55.8118, 32.2627

Deuteranomaly

51.0895, 55.3867, 34.7861

Tritanomaly

48.3592, 56.2646, 57.0265

Monochromacy



Original Color

43.6938, 56.5409, 34.2018

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.2350, 52.6144, 46.7485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6938, 56.5409, 34.2018 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(165, 211, 142)` looks like.

```
.text, #text, p{  
    color:rgb(165, 211, 142)  
}
```

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(165, 211, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 211, 142) }
```

Border

The CSS property to change the border of an element to XYZ 43.6938, 56.5409, 34.2018 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(165, 211, 142) }
```


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

```
.border{ border-color:rgb(165, 211, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 211, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 211, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 211, 142);  
box-shadow:4px 4px 4px 4px rgb(165, 211,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6938, 56.5409, 34.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 211, 142) }
```

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

```
.background{ background-color: rgb(165,  
211, 142) }
```

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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