

Converting Colors

XYZ(34.1308, 43.0300, 35.2457)

Have a look what the booklet for
XYZ(34.1308, 43.0300, 35.2457)
contains.

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Color

**XYZ(34.2193, 43.0706,
35.3641)**

Conversions

Conversions Part 1

Format	Color
Hex	8EBA96
RGB	142, 186, 150
RGB Percent	56%, 73%, 59%
CMY	0.4431, 0.2706, 0.4118
CMYK	0.24, 0.00, 0.19, 0.27
HSL	131°, 24%, 64%
HSV	131°, 24%, 73%
XYZ	34.2193, 43.0706, 35.3641
YIQ	168.7400, -14.6680, -20.5240

Conversions

Conversions Part 2

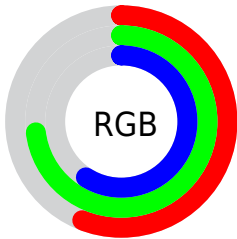
Format	Color
RYB	142, 179, 186
Decimal	9353878
CIELab	71.60, -21.90, 13.56
CIELCh	72, 25.760, 148.232
Yxy	43.0706, 0.3038, 0.3823
Android (android.graphics.Color)	4287543958 (0xFF8EBA96)
YUV	168.7400, -9.2388, -23.4510
Hunter-Lab	65.6282, -21.7774, 13.9910

Details

The XYZ color **34.2193, 43.0706, 35.3641** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.9601, 33.0005, 46.4905**, and the grayscale version is **37.6339, 39.5938, 43.1177**.

A 20% lighter version of the original color is **65.4162, 79.5997, 69.0432**, and **14.9540, 19.9001, 14.8573** is the 20% darker color. If you saturate the color by 10%, you get **30.1435, 41.1032, 29.1866**, and if you desaturate by 10%, it is **38.9892, 45.3798, 42.4068**.

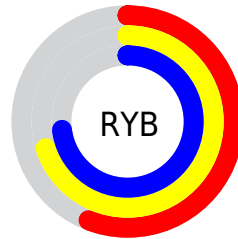
Distribution



Red (56%)

Green (73%)

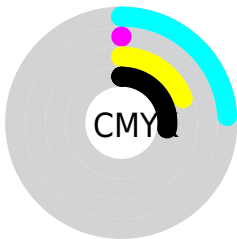
Blue (59%)



Red (56%)

Yellow (70%)

Blue (73%)

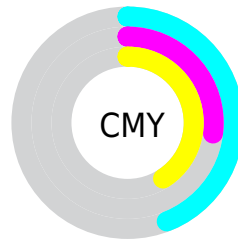


Cyan (24%)

Magenta (0%)

Yellow (19%)

Black (27%)



Cyan (44%)


Magenta (27%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2193, 43.0706, 35.3641 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 34.2193, 43.0706, 35.3641 by changing the saturation by 10% instead.


 34.2193, 43.0706,
35.3641


 34.2193, 43.0706,
35.3641


312.6775,
358.9020, 341.1255


 23.2258, 29.9405,
23.6577


 65.6166, 79.8174,
69.2074

 14.8819, 19.7934,
14.8700


 86.7511, 104.2029,
92.1813

 8.8223, 12.2450,
8.5826


 111.9966,
133.1090, 119.7482

 4.6817, 6.9108,
4.3769

141.7186,
166.9200, 152.3266

 2.0945, 3.4063,
1.8343

176.2823,
206.0205, 190.3350

 0.6862, 1.3474,
0.4504

216.0531,

 0.0000, 0.1774,

250.7947, 234.1919

0.0000

261.3964,
301.6271, 284.3159

■ 0.0000, 0.0000,
0.0000

■ 34.2193, 43.0706,
35.3641

■ 34.2193, 43.0706,
35.3641

■ 30.1435, 41.1032,
29.1866

■ 38.9892, 45.3798,
42.4068

■ 26.7258, 39.4562,
23.8382

■ 44.4799, 48.0405,
50.3432

■ 23.9322, 38.1139,
19.2843

■ 50.7213, 51.0683,
59.2043

■ 21.7243, 37.0575,
15.4870

■ 57.7402, 54.4768,
69.0184

■ 20.0593, 36.2656,
12.4052

■ 65.5623, 58.2784,
79.8130

■ 18.8883, 35.7141,
9.9936

■ 74.2120, 62.4852,
91.6141

■ 18.1533, 35.3741,
8.2022

■ 76.8497, 63.5994,
102.8332

■ 17.8458, 35.2339,
7.3599

Harmonies

Analogous

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



37.1005, 43.0706, 28.7736



34.2193, 43.0706, 35.3641



33.1210, 43.0706, 46.1602

Triad

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



34.2193, 43.0706, 35.3641



40.6794, 43.0706, 75.2009



48.7715, 43.0706, 36.4370

Complementary

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



34.2193, 43.0706, 35.3641



37.9601, 33.0005, 46.4905

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.



49.8957, 43.0706, 47.6407



34.2193, 43.0706, 35.3641



45.0299, 43.0706, 71.3728

Square

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



34.2193, 43.0706, 35.3641



36.6828, 43.0706, 70.3978



48.4816, 43.0706, 60.6977



45.5087, 43.0706, 29.3114

Rectangle

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



34.2193, 43.0706, 35.3641



33.4841, 43.0706, 54.8115



48.4816, 43.0706, 60.6977



49.4218, 43.0706, 39.7828

Sweetspot

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



34.2205, 43.0724, 35.3651



77.0250, 85.3301, 86.0832



40.9566, 46.6169, 32.4311



16.8279, 18.7260, 18.7633



90.7827, 95.5105, 104.0109



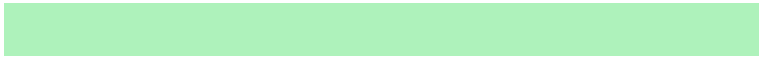
18.6292, 19.5994, 21.3438

Same Dimension

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



34.2205, 43.0724, 35.3651



58.3190, 76.2774, 58.5241



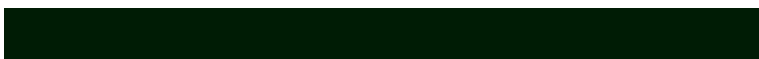
36.0981, 43.8235, 45.2526



8.9553, 10.0861, 9.9218



12.0261, 23.7114, 5.0592



0.4444, 0.8441, 0.2859

Inverse Universe

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



37.9601, 33.0005, 46.4905



66.1925, 55.0647, 81.9421



35.9814, 32.2091, 36.0708



9.3090, 9.1340, 10.9745



17.4717, 8.5624, 20.9026



0.6344, 0.3092, 0.8342

Previews

White Background



This preview shows how the XYZ color 34.2193, 43.0706, 35.3641 looks on a white background.

Color Contrast Check

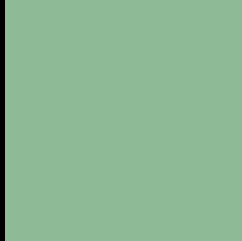
Large Text (above 18pt) WCAG AA × Fail

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 34.2193, 43.0706, 35.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

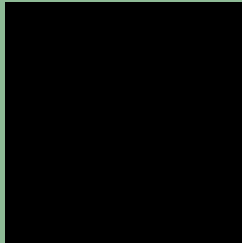
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2193, 43.0706, 35.3641

Background



This preview shows how black text looks on a background with the XYZ color 34.2193, 43.0706, 35.3641.



This preview shows how white text looks on a background with the XYZ color 34.2193, 43.0706,

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

34.2193, 43.0706, 35.3641

Protanopia

40.1777, 42.6000, 32.4906

Deuteranopia

43.3886, 42.4805, 36.4846



Tritanopia

38.6365, 43.0216, 57.3066

Trichromacy



Original Color

34.2193, 43.0706, 35.3641

Protanomaly

37.4709, 42.3511, 33.3938

Deuteranomaly

39.4398, 42.4248, 36.2471

Tritanomaly

36.7965, 42.8733, 48.4555

Monochromacy



Original Color

34.2193, 43.0706, 35.3641

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.1496, 40.6395, 40.1213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2193, 43.0706, 35.3641 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(142, 186, 150)` looks like.

```
.text, #text, p{  
    color:rgb(142, 186, 150)  
}
```

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(142, 186, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 186, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.2193, 43.0706, 35.3641 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(142, 186, 150) }
```


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

```
.border{ border-color:rgb(142, 186, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 186, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 186, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 186, 150);  
box-shadow:4px 4px 4px 4px rgb(142, 186,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2193, 43.0706, 35.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 186, 150) }
```

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

```
.background{ background-color: rgb(142,  
186, 150) }
```

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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