

Converting Colors

XYZ(34.8122, 43.6290, 36.3284)

Have a look what the booklet for
XYZ(34.8122, 43.6290, 36.3284)
contains.

XYZ(34.7655, 43.6473, 36.2982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.7655, 43.6473,
36.2982)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBB98
RGB	143, 187, 152
RGB Percent	56%, 73%, 60%
CMY	0.4392, 0.2667, 0.4039
CMYK	0.24, 0.00, 0.19, 0.27
HSL	132°, 24%, 65%
HSV	132°, 24%, 73%
XYZ	34.7655, 43.6473, 36.2982
YIQ	169.8540, -14.9890, -20.2130

Conversions

Conversions Part 2

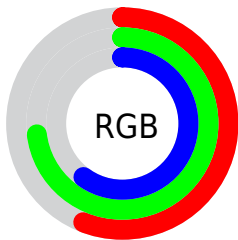
Format	Color
RYB	143, 180, 187
Decimal	9419672
CIELab	71.99, -21.70, 13.03
CIElCh	72, 25.310, 149.006
Yxy	43.6473, 0.3031, 0.3805
Android (android.graphics.Color)	4287609752 (0xFF8FBB98)
YUV	169.8540, -8.8020, -23.5510
Hunter-Lab	66.0661, -21.6849, 13.6710

Details

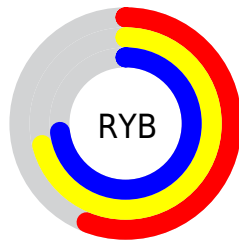
The XYZ color **34.7655, 43.6473, 36.2982** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.3534, 33.4250, 46.5516**, and the grayscale version is **38.1845, 40.1731, 43.7485**.

A 20% lighter version of the original color is **66.2171, 80.4277, 70.4266**, and **15.2877, 20.2651, 15.4177** is the 20% darker color. If you saturate the color by 10%, you get **30.6513, 41.6596, 30.1400**, and if you desaturate by 10%, it is **39.5746, 45.9780, 43.2884**.

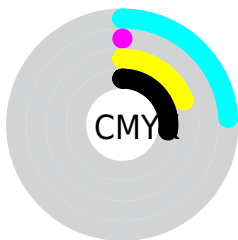
Distribution



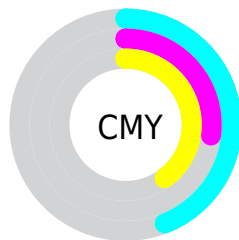
- Red (56%)
- Green (73%)
- Blue (60%)



- Red (56%)
- Yellow (71%)
- Blue (73%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)





- Cyan (44%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7655, 43.6473, 36.2982 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 34.7655, 43.6473, 36.2982 by changing the saturation by 10% instead.


 34.7655, 43.6473,
36.2982


 34.7655, 43.6473,
36.2982


315.0582,
361.2671, 345.3388

 23.6480, 30.3933,
24.3731


 66.4587, 80.6868,
70.6663

 15.1960, 20.1373,
15.3958


 87.7652, 105.2410,
93.9464

 9.0443, 12.4949,
8.9480


113.1986,
134.3308, 121.8485

 4.8274, 7.0817,
4.6109

143.1244,
168.3406, 154.7912

 2.1801, 3.5132,
1.9661

177.9079,
207.6547, 193.1930

 0.7322, 1.4052,
0.5343

217.9145,

 0.0000, 0.2205,

252.6576, 237.4725

0.0000

263.5094,
303.7336, 288.0483

■ 0.0000, 0.0000,
0.0000

■ 34.7655, 43.6473,
36.2982

■ 34.7655, 43.6473,
36.2982

■ 30.6513, 41.6596,
30.1400

■ 39.5746, 45.9780,
43.2884

■ 27.1961, 39.9935,
24.7801

■ 45.1052, 48.6611,
51.1371

■ 24.3660, 38.6332,
20.1865

■ 51.3869, 51.7126,
59.8730

■ 22.1227, 37.5600,
16.3240

■ 58.4467, 55.1458,
69.5229

■ 20.4237, 36.7525,
13.1549

■ 66.3100, 58.9732,
80.1121

■ 19.2204, 36.1866,
10.6377

■ 74.9263, 63.1684,
91.6616

■ 18.4551, 35.8336,
8.7266

■ 77.0612, 64.0224,
102.9037

■ 18.1251, 35.6839,
7.7874

Harmonies

Analogous

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



37.5871, 43.6473, 29.6098



34.7655, 43.6473, 36.2982



33.7232, 43.6473, 47.1130

Triad

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



34.7655, 43.6473, 36.2982



41.3415, 43.6473, 75.4941



49.1811, 43.6473, 36.8987

Complementary

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



34.7655, 43.6473, 36.2982



38.3534, 33.4250, 46.5516

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.



50.3559, 43.6473, 47.9383



34.7655, 43.6473, 36.2982



45.6444, 43.6473, 71.5095

Square

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



34.7655, 43.6473, 36.2982



37.3539, 43.6473, 70.9690



49.0199, 43.6473, 60.8553



45.9109, 43.6473, 29.9119

Rectangle

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



34.7655, 43.6473, 36.2982



34.1180, 43.6473, 55.6992



49.0199, 43.6473, 60.8553



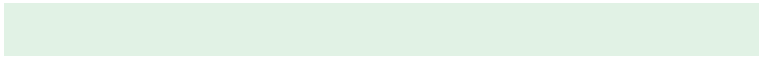
49.8438, 43.6473, 40.1915

Sweetspot

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



34.7667, 43.6491, 36.2992



77.0787, 85.3516, 86.3660



41.1360, 47.0146, 32.8936



16.8406, 18.7311, 18.8304



90.7827, 95.5105, 104.0109



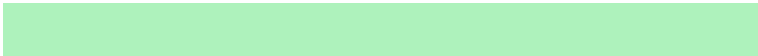
18.6292, 19.5994, 21.3438

Same Dimension

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



34.7667, 43.6491, 36.2992



58.4847, 76.3437, 59.3967



36.7198, 44.4304, 46.5844



9.4865, 10.6807, 10.5452



12.5093, 24.5940, 5.4785



0.5139, 0.9729, 0.3404

Inverse Universe

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



38.3534, 33.4250, 46.5516



65.9770, 54.9785, 80.8072



36.3350, 32.6177, 35.9230



9.8441, 9.6619, 11.5679



17.8708, 8.7795, 20.4108



0.7215, 0.3525, 0.9129

Previews

White Background



This preview shows how the XYZ color 34.7655, 43.6473, 36.2982 looks on a white background.

Color Contrast Check

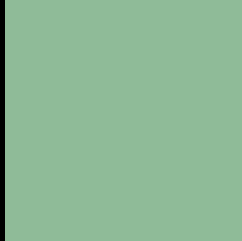
Large Text (above 18pt) WCAG AA × Fail

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 34.7655, 43.6473, 36.2982 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

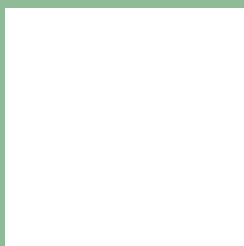
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7655, 43.6473, 36.2982

Background



This preview shows how black text looks on a background with the XYZ color 34.7655, 43.6473, 36.2982.



This preview shows how white text looks on a background with the XYZ color 34.7655, 43.6473,

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

34.7655, 43.6473, 36.2982

Protanopia

40.9633, 43.5651, 33.4440

Deuteranopia

44.0081, 43.0556, 37.4436



Tritanopia

39.1367, 43.5672, 57.9763

Trichromacy



Original Color

34.7655, 43.6473, 36.2982

Protanomaly

38.2441, 43.3267, 34.3642

Deuteranomaly

40.0321, 43.0009, 37.2004

Tritanomaly

37.2829, 43.4175, 49.0632

Monochromacy



Original Color

34.7655, 43.6473, 36.2982

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.6334, 41.1686, 40.6659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7655, 43.6473, 36.2982 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(143, 187, 152)` looks like.

```
.text, #text, p{  
    color:rgb(143, 187, 152)  
}
```

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(143, 187, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 187, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.7655, 43.6473, 36.2982 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(143, 187, 152) }
```


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

```
.border{ border-color:rgb(143, 187, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 187, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 187, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 187, 152);  
box-shadow:4px 4px 4px 4px rgb(143, 187,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7655, 43.6473, 36.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 187, 152) }
```

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

```
.background{ background-color: rgb(143,  
187, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor