

Converting Colors

XYZ(34.2491, 43.6569, 36.5422)

Have a look what the booklet for
XYZ(34.2491, 43.6569, 36.5422)
contains.

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Color

**XYZ(34.3804, 43.7553,
36.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBC99
RGB	139, 188, 153
RGB Percent	55%, 74%, 60%
CMY	0.4549, 0.2627, 0.4000
CMYK	0.26, 0.00, 0.19, 0.26
HSL	137°, 27%, 64%
HSV	137°, 26%, 74%
XYZ	34.3804, 43.7553, 36.7706
YIQ	169.3590, -17.9690, -21.2730

Conversions

Conversions Part 2

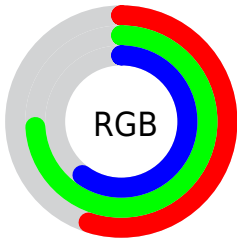
Format	Color
RYB	139, 177, 188
Decimal	9157785
CIELab	72.06, -23.33, 12.56
CIELCh	72, 26.499, 151.709
Yxy	43.7553, 0.2992, 0.3808
Android (android.graphics.Color)	4287347865 (0xFF8BBC99)
YUV	169.3590, -8.0650, -26.6248
Hunter-Lab	66.1478, -22.9830, 13.3450

Details

The XYZ color **34.3804, 43.7553, 36.7706** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.6131, 32.2135, 44.2814**, and the grayscale version is **37.9359, 39.9115, 43.4636**.

A 20% lighter version of the original color is **65.6055, 80.5438, 71.1202**, and **15.0867, 20.3620, 15.7055** is the 20% darker color. If you saturate the color by 10%, you get **30.4598, 41.8564, 31.1198**, and if you desaturate by 10%, it is **38.9681, 45.9861, 43.1062**.

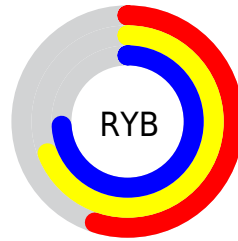
Distribution



Red (55%)

Green (74%)

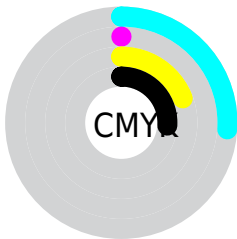
Blue (60%)



Red (55%)

Yellow (69%)

Blue (74%)

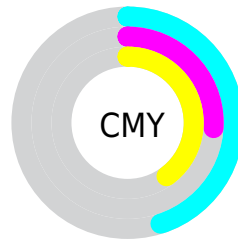


Cyan (26%)

Magenta (0%)

Yellow (19%)

Black (26%)



Cyan (45%)

Magenta (26%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3804, 43.7553, 36.7706 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 34.3804, 43.7553, 36.7706 by changing the saturation by 10% instead.

■ 34.3804, 43.7553,
36.7706

■ 34.3804, 43.7553,
36.7706

313.3811,
361.7088, 347.4550

■ 23.3503, 30.4782,
24.7355

■ 65.8652, 80.8494,
71.4022

■ 14.9745, 20.2018,
15.6629

■ 87.0505, 105.4352,
94.8358

■ 8.8877, 12.5418,
9.1342

■ 112.3516,
134.5593, 122.9060

■ 4.7245, 7.1138,
4.7308

142.1338,
168.6061, 156.0314

■ 2.1196, 3.5334,
2.0342

176.7625,
207.9601, 194.6304

■ 0.6999, 1.4161,
0.5762

216.6030,

■ 0.0000, 0.2286,

253.0056, 239.1217

0.0000

262.0208,
304.1271, 289.9237

■ 0.0000, 0.0000,
0.0000

■ 34.3804, 43.7553,
36.7706

■ 34.3804, 43.7553,
36.7706

■ 30.4598, 41.8564,
31.1198

■ 38.9681, 45.9861,
43.1062

■ 27.1710, 40.2681,
26.1278

■ 44.2488, 48.5581,
50.1455

■ 24.4807, 38.9748,
21.7714

■ 50.2516, 51.4870,
57.9103

■ 22.3512, 37.9577,
18.0247

■ 57.0027, 54.7859,
66.4208

■ 20.7402, 37.1956,
14.8603

■ 64.5269, 58.4673,
75.6961

■ 19.5989, 36.6638,
12.2483

■ 72.8480, 62.5430,
85.7547

■ 18.8661, 36.3316,
10.1559

■ 76.0132, 63.9438,
96.3350

■ 18.6432, 36.2318,
9.4659

■ 77.2741, 64.4481,
102.9747

Harmonies

Analogous

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



37.1761, 43.7553, 29.4160



34.3804, 43.7553, 36.7706



33.4755, 43.7553, 48.3899

Triad

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



34.3804, 43.7553, 36.7706



41.8484, 43.7553, 77.1780



49.4466, 43.7553, 35.6971

Complementary

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



34.3804, 43.7553, 36.7706



37.6131, 32.2135, 44.2814

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.



50.9157, 43.7553, 46.9020



34.3804, 43.7553, 36.7706



46.3361, 43.7553, 72.1698

Square

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



34.3804, 43.7553, 36.7706



37.5951, 43.7553, 73.1554



49.7387, 43.7553, 60.4694



45.8542, 43.7553, 28.8799

Rectangle

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



34.3804, 43.7553, 36.7706



34.0095, 43.7553, 57.4773



49.7387, 43.7553, 60.4694



50.2164, 43.7553, 38.9982

Sweetspot

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



34.3816, 43.7571, 36.7716



78.1078, 86.9850, 88.1348



40.1266, 46.8447, 31.3535



16.4769, 18.5499, 18.5295



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.



34.3816, 43.7571, 36.7716



58.2946, 77.3529, 60.9145



36.6061, 44.6469, 48.4857



9.5179, 10.6933, 10.7106



12.7209, 24.6786, 6.5929



0.5275, 0.9784, 0.4121

Inverse Universe

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



37.6131, 32.2135, 44.2814



65.0932, 53.0538, 76.7050



35.4471, 31.3471, 32.8756



9.8106, 9.6485, 11.3914



17.0969, 8.4699, 16.3356



0.6965, 0.3425, 0.7813

Previews

White Background



This preview shows how the XYZ color 34.3804, 43.7553, 36.7706 looks on a white background.

Color Contrast Check

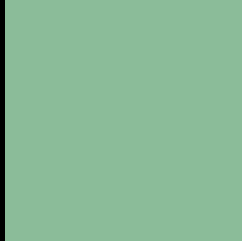
Large Text (above 18pt) WCAG AA × Fail

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 34.3804, 43.7553, 36.7706 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

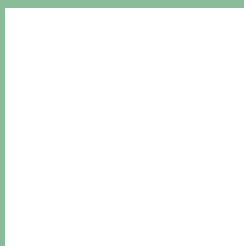
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3804, 43.7553, 36.7706

Background



This preview shows how black text looks on a background with the XYZ color 34.3804, 43.7553, 36.7706.



This preview shows how white text looks on a background with the XYZ color 34.3804, 43.7553,

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

34.3804, 43.7553, 36.7706

Protanopia

41.0415, 43.5964, 33.8556

Deuteranopia

44.2799, 43.4631, 37.9537



Tritanopia

38.8386, 43.6902, 59.2094

Trichromacy



Original Color

34.3804, 43.7553, 36.7706

Protanomaly

38.1083, 43.2475, 34.7728

Deuteranomaly

40.0830, 43.3096, 37.6995

Tritanomaly

36.9826, 43.5465, 50.1722

Monochromacy



Original Color

34.3804, 43.7553, 36.7706

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.2367, 40.9641, 40.6473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3804, 43.7553, 36.7706 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(139, 188, 153)` looks like.

```
.text, #text, p{  
    color:rgb(139, 188, 153)  
}
```

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(139, 188, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 188, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.3804, 43.7553, 36.7706 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(139, 188, 153) }
```


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

```
.border{ border-color:rgb(139, 188, 153) }
```

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

Here you see how a box with a 4 pixel rgb(139, 188, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 188, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 188, 153);  
box-shadow:4px 4px 4px 4px rgb(139, 188,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3804, 43.7553, 36.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 188, 153) }
```

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

```
.background{ background-color: rgb(139,  
188, 153) }
```

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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