

Converting Colors

XYZ(34.7806, 40.6966, 32.0087)

Have a look what the booklet for
XYZ(34.7806, 40.6966, 32.0087)
contains.

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Color

**XYZ(34.7806, 40.6966,
32.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB18F
RGB	158, 177, 143
RGB Percent	62%, 69%, 56%
CMY	0.3804, 0.3059, 0.4392
CMYK	0.11, 0.00, 0.19, 0.31
HSL	94°, 18%, 63%
HSV	94°, 19%, 69%
XYZ	34.7806, 40.6966, 32.0087
YIQ	167.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

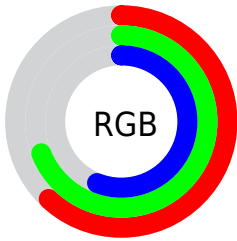
Format	Color
RYB	143, 177, 162
Decimal	10400143
CIELab	69.96, -12.90, 15.23
CIELCh	70, 19.956, 130.264
Yxy	40.6966, 0.3236, 0.3786
Android (android.graphics.Color)	4288590223 (0xFF9EB18F)
YUV	167.4430, -12.0504, -8.2815
Hunter-Lab	63.7939, -14.3206, 14.9069

Details

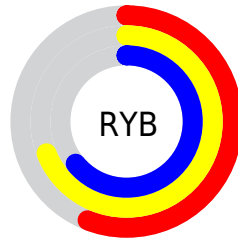
The XYZ color **34.7806, 40.6966, 32.0087** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.6603, 30.5018, 45.7633**, and the grayscale version is **37.0048, 38.9319, 42.3969**.

A 20% lighter version of the original color is **66.6575, 76.4552, 64.0674**, and **15.1273, 18.2698, 13.0851** is the 20% darker color. If you saturate the color by 10%, you get **31.6762, 39.2403, 25.4077**, and if you desaturate by 10%, it is **38.2555, 42.3218, 39.7332**.

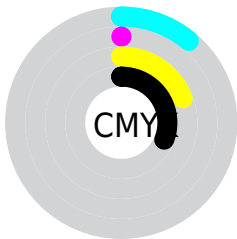
Distribution



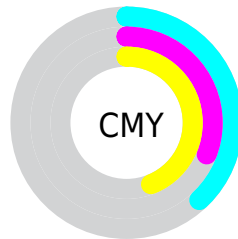
- Red (62%)
- Green (69%)
- Blue (56%)



- Red (56%)
- Yellow (69%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (31%)




- Cyan (38%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7806, 40.6966, 32.0087 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 34.7806, 40.6966, 32.0087 by changing the saturation by 10% instead.

 34.7806, 40.6966,
32.0087


 34.7806, 40.6966,
32.0087


315.1239,
349.0510, 325.6528

 23.6596, 28.0821,
21.1033


 66.4820, 76.2231,
63.9228

 15.2047, 18.3875,
13.0075


 87.7932, 99.9039,
85.7685

 9.0504, 11.2286,
7.3029

113.2318,
128.0422, 112.0981

 4.8315, 6.2208,
3.5710

143.1632,
161.0225, 143.3301

 2.1825, 2.9798,
1.3931

177.9527,
199.2291, 179.8831

 0.7335, 1.1212,
0.1363

217.9658,

 0.0000, 0.0000,

243.0465, 222.1755

0.0000

263.5677,
292.8590, 270.6259

■ 34.7806, 40.6966,
32.0087

■ 34.7806, 40.6966,
32.0087

■ 31.6762, 39.2403,
25.4077

■ 38.2555, 42.3218,
39.7332

■ 28.9254, 37.9419,
19.8752

■ 42.1103, 44.1162,
48.6274

■ 26.5149, 36.7967,
15.3556

■ 46.3584, 46.0868,
58.7382

■ 24.4290, 35.7982,
11.7873

■ 51.0112, 48.2385,
70.1091

■ 22.6505, 34.9390,
9.1019

■ 56.0799, 50.5763,
82.7813

■ 21.1606, 34.2110,
7.2219

■ 61.5750, 53.1047,
96.7944

■ 19.9375, 33.6050,
6.0561

■ 65.5301, 55.0374,
101.7772

■ 18.9434, 33.1053,
5.4317

■ 68.7453, 56.6949,
101.9277

■ 18.8713, 33.0690,
5.3883

■ 72.1428, 58.4463,
102.0867

Harmonies

Analogous

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



37.5780, 40.6966, 28.9296



34.7806, 40.6966, 32.0087



33.0914, 40.6966, 38.5381

Triad

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



34.7806, 40.6966, 32.0087



36.6086, 40.6966, 63.3844



45.1623, 40.6966, 41.1984

Complementary

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



34.7806, 40.6966, 32.0087



32.6603, 30.5018, 45.7633

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.



44.8668, 40.6966, 50.6349



34.7806, 40.6966, 32.0087



39.8052, 40.6966, 64.3606

Square

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



34.7806, 40.6966, 32.0087



34.1052, 40.6966, 56.9157



42.8624, 40.6966, 59.4212



43.6486, 40.6966, 33.7210

Rectangle

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



34.7806, 40.6966, 32.0087



32.7617, 40.6966, 44.3941



42.8624, 40.6966, 59.4212



45.2732, 40.6966, 44.2293

Sweetspot

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



34.7817, 40.6984, 32.0096



70.5819, 76.7583, 75.8787



35.9586, 37.0670, 31.2466



15.2042, 16.5919, 16.2333



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.7817, 40.6984, 32.0096



59.8844, 71.7579, 52.1406



32.1388, 39.3209, 32.5634



8.7329, 9.6674, 9.0582



13.7397, 23.9931, 3.9070



0.4997, 0.7897, 0.1261

Inverse Universe

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



32.6603, 30.5018, 45.7633



55.3923, 50.1697, 81.2595



35.7229, 32.1001, 45.0274



8.4810, 8.4565, 10.6916



9.5426, 4.2552, 30.4554



0.3659, 0.1678, 0.9613

Previews

White Background



This preview shows how the XYZ color 34.7806, 40.6966, 32.0087 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 34.7806, 40.6966, 32.0087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

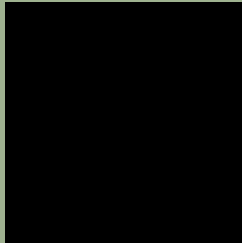
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7806, 40.6966, 32.0087

Background



This preview shows how black text looks on a background with the XYZ color 34.7806, 40.6966, 32.0087.



This preview shows how white text looks on a background with the XYZ color 34.7806, 40.6966,

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

34.7806, 40.6966, 32.0087

Protanopia

38.1644, 40.4667, 30.6103

Deuteranopia

41.2287, 40.3620, 32.8118



Tritanopia

38.6297, 40.5211, 51.6843

Trichromacy



Original Color

34.7806, 40.6966, 32.0087

Protanomaly

36.9849, 40.6945, 31.1048

Deuteranomaly

38.5902, 40.3654, 32.5454

Tritanomaly

37.0996, 40.4708, 43.8865

Monochromacy



Original Color

34.7806, 40.6966, 32.0087

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0443, 39.4870, 38.0698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7806, 40.6966, 32.0087 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(158, 177, 143)` looks like.

```
.text, #text, p{  
    color:rgb(158, 177, 143)  
}
```

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(158, 177, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 177, 143) }
```

Border

The CSS property to change the border of an element to XYZ 34.7806, 40.6966, 32.0087 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(158, 177, 143) }
```


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

```
.border{ border-color:rgb(158, 177, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 177, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 177, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 177, 143);  
box-shadow:4px 4px 4px 4px rgb(158, 177,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7806, 40.6966, 32.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 177, 143) }
```

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

```
.background{ background-color: rgb(158,  
177, 143) }
```

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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