

Converting Colors

XYZ(32.3867, 40.9652, 36.6678)

Have a look what the booklet for
XYZ(32.3867, 40.9652, 36.6678)
contains.

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Color

**XYZ(32.3922, 40.8573,
36.7509)**

Conversions

Conversions Part 1

Format	Color
Hex	86B69A
RGB	134, 182, 154
RGB Percent	53%, 71%, 60%
CMY	0.4745, 0.2863, 0.3961
CMYK	0.26, 0.00, 0.15, 0.29
HSL	145°, 25%, 62%
HSV	145°, 26%, 71%
XYZ	32.3922, 40.8573, 36.7509
YIQ	164.4560, -19.6200, -18.8840

Conversions

Conversions Part 2

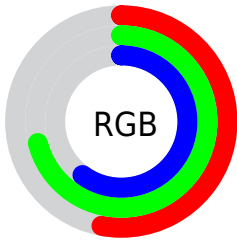
Format	Color
RYB	134, 168, 182
Decimal	8828570
CIELab	70.08, -21.77, 9.16
CIElCh	70, 23.613, 157.187
Yxy	40.8573, 0.2945, 0.3714
Android (android.graphics.Color)	4287018650 (0xFF86B69A)
YUV	164.4560, -5.1548, -26.7099
Hunter-Lab	63.9197, -21.4022, 10.6548

Details

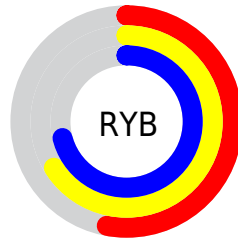
The XYZ color **32.3922, 40.8573, 36.7509** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.3395, 29.6049, 38.0885**, and the grayscale version is **35.5353, 37.3859, 40.7133**.

A 20% lighter version of the original color is **62.6987, 76.3945, 71.1155**, and **13.8657, 18.5188, 15.6756** is the 20% darker color. If you saturate the color by 10%, you get **28.8919, 39.1516, 32.1738**, and if you desaturate by 10%, it is **36.4723, 42.8550, 41.7652**.

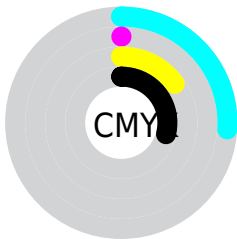
Distribution



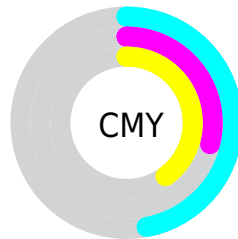
- Red (53%)
- Green (71%)
- Blue (60%)



- Red (53%)
- Yellow (66%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)



- Cyan (47%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3922, 40.8573, 36.7509 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 32.3922, 40.8573, 36.7509 by changing the saturation by 10% instead.

■ 32.3922, 40.8573,
36.7509

■ 32.3922, 40.8573,
36.7509

304.6156,
349.7239, 347.3670

■ 21.8182, 28.2076,
24.7204

■ 62.7865, 76.4672,
71.3715

■ 13.8393, 18.4822,
15.6518

■ 83.3375, 100.1962,
94.7988

■ 8.0899, 11.2967,
9.1264

■ 107.9450,
128.3871, 122.8620

■ 4.2048, 6.2668,
4.7258

136.9742,
161.4243, 155.9798

■ 1.8186, 3.0080,
2.0314

170.7905,
199.6922, 194.5706

■ 0.5289, 1.1359,
0.5745

209.7592,

■ 0.0000, 0.0084,

243.5751, 239.0530

0.0000

254.2458,
293.4576, 289.8457

■ 0.0000, 0.0000,
0.0000

■ 32.3922, 40.8573,
36.7509

■ 32.3922, 40.8573,
36.7509

■ 28.8919, 39.1516,
32.1738

■ 36.4723, 42.8550,
41.7652

■ 25.9403, 37.7189,
28.0194

■ 41.1544, 45.1528,
47.2253

■ 23.5087, 36.5458,
24.2761

■ 46.4638, 47.7644,
53.1431

■ 21.5642, 35.6153,
20.9311

■ 52.4232, 50.7014,
59.5290

■ 20.0698, 34.9089,
17.9706

■ 59.0543, 53.9748,
66.3933

■ 18.9829, 34.4048,
15.3799

■ 66.3774, 57.5949,
73.7457

■ 18.2475, 34.0745,
13.1431

■ 72.0170, 60.3367,
81.4837

■ 18.0274, 33.9769,
12.4149

■ 73.5397, 60.9458,
89.5019

■ 75.1545, 61.5917,
98.0054

Harmonies

Analogous

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



34.5223, 40.8573, 29.6234



32.3922, 40.8573, 36.7509



31.9321, 40.8573, 47.1965

Triad

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



32.3922, 40.8573, 36.7509



39.7687, 40.8573, 69.0553



45.0451, 40.8573, 32.8467

Complementary

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



32.3922, 40.8573, 36.7509



34.3395, 29.6049, 38.0885

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.



46.6642, 40.8573, 41.8825



32.3922, 40.8573, 36.7509



43.4897, 40.8573, 63.6386

Square

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



32.3922, 40.8573, 36.7509



36.0292, 40.8573, 67.0714



46.0770, 40.8573, 53.2382



41.7800, 40.8573, 27.6434

Rectangle

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



32.3922, 40.8573, 36.7509



32.6046, 40.8573, 54.9111



46.0770, 40.8573, 53.2382



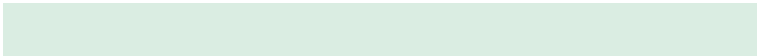
45.8095, 40.8573, 35.4728

Sweetspot

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



32.3933, 40.8590, 36.7518



73.0332, 81.0837, 83.8125



36.0958, 42.9444, 28.9414



15.8391, 17.7656, 18.1754



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.3933, 40.8590, 36.7518



54.6908, 72.1045, 61.4174



34.5166, 41.7083, 47.9327



9.0414, 10.1205, 10.3753



12.7617, 24.0056, 8.9331



0.4809, 0.8587, 0.4783

Inverse Universe

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



34.3395, 29.6049, 38.0885



58.8496, 48.0452, 64.2663



32.4633, 28.8544, 28.2087



9.2184, 9.0977, 10.4973



15.5005, 7.7740, 10.5224



0.5765, 0.2861, 0.5294

Previews

White Background



This preview shows how the XYZ color 32.3922, 40.8573, 36.7509 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 32.3922, 40.8573, 36.7509 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 32.3922, 40.8573, 36.7509

Background



This preview shows how black text looks on a background with the XYZ color 32.3922, 40.8573, 36.7509.



This preview shows how white text looks on a background with the XYZ color 32.3922, 40.8573,

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

32.3922, 40.8573, 36.7509

Protanopia

38.3104, 40.4713, 33.8095

Deuteranopia

41.3649, 40.5854, 38.0013



Tritanopia

36.1106, 40.8686, 55.2754

Trichromacy



Original Color

32.3922, 40.8573, 36.7509

Protanomaly

35.7453, 40.2606, 34.7413

Deuteranomaly

37.4433, 40.2181, 37.6877

Tritanomaly

34.6372, 40.8578, 48.1803

Monochromacy



Original Color

32.3922, 40.8573, 36.7509

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.0449, 38.4362, 38.8823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3922, 40.8573, 36.7509 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(134, 182, 154)` looks like.

```
.text, #text, p{  
    color:rgb(134, 182, 154)  
}
```

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(134, 182, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 182, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.3922, 40.8573, 36.7509 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(134, 182, 154) }
```


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

```
.border{ border-color:rgb(134, 182, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 182, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 182, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 182, 154);  
box-shadow:4px 4px 4px 4px rgb(134, 182,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3922, 40.8573, 36.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 182, 154) }
```

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

```
.background{ background-color: rgb(134,  
182, 154) }
```

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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