

Converting Colors

XYZ(34.7103, 42.9723, 51.2648)

Have a look what the booklet for
XYZ(34.7103, 42.9723, 51.2648)
contains.

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Color

**XYZ(34.7103, 42.9723,
51.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBAB7
RGB	126, 186, 183
RGB Percent	49%, 73%, 72%
CMY	0.5059, 0.2706, 0.2823
CMYK	0.32, 0.00, 0.02, 0.27
HSL	177°, 30%, 61%
HSV	177°, 32%, 73%
XYZ	34.7103, 42.9723, 51.2648
YIQ	167.7180, -34.7970, -13.6530

Conversions

Conversions Part 2

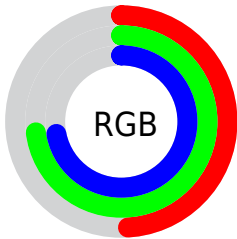
Format	Color
RYB	126, 157, 186
Decimal	8305335
CIELab	71.54, -19.92, -4.67
CIELCh	72, 20.459, 193.183
Yxy	42.9723, 0.2692, 0.3333
Android (android.graphics.Color)	4286495415 (0xFF7EBAB7)
YUV	167.7180, 7.5340, -36.5867
Hunter-Lab	65.5533, -20.2029, -0.4794

Details

The XYZ color **34.7103, 42.9723, 51.2648** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.6745, 26.9470, 24.3023**, and the grayscale version is **37.0587, 38.9886, 42.4586**.

A 20% lighter version of the original color is **66.3882, 79.5600, 93.5189**, and **15.1644, 19.8032, 24.1422** is the 20% darker color. If you saturate the color by 10%, you get **32.1223, 41.6504, 50.6406**, and if you desaturate by 10%, it is **37.8114, 44.5608, 51.9183**.

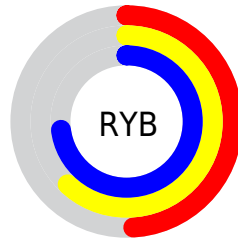
Distribution



Red (49%)

Green (73%)

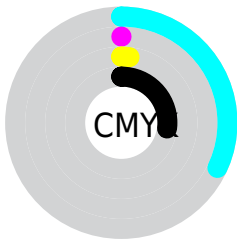
Blue (72%)



Red (49%)

Yellow (62%)

Blue (73%)

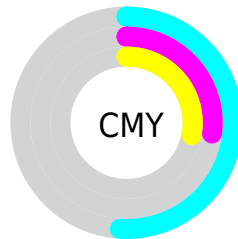


Cyan (32%)

Magenta (0%)

Yellow (2%)

Black (27%)



Cyan (51%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7103, 42.9723, 51.2648 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 34.7103, 42.9723, 51.2648 by changing the saturation by 10% instead.

■ 34.7103, 42.9723,
51.2648

■ 34.7103, 42.9723,
51.2648

314.8182,
358.4978, 408.4676

■ 23.6053, 29.8634,
36.0412

■ 66.3737, 79.6691,
93.4616

■ 15.1642, 19.7349,
24.1761

■ 87.6628, 104.0257,
121.2718

■ 9.0218, 12.2025,
15.2509

■ 113.0773,
132.9003, 154.1147

■ 4.8126, 6.8817,
8.8471

142.9826,
166.6774, 192.4088

■ 2.1714, 3.3883,
4.5461

177.7439,
205.7413, 236.5726

■ 0.7276, 1.3376,
1.9295

217.7267,

■ 0.0000, 0.1701,

250.4764, 287.0246

0.5114

263.2964,
301.2671, 344.1834

■ 0.0000, 0.0000,
0.0000

■ 34.7103, 42.9723,
51.2648

■ 34.7103, 42.9723,
51.2648

■ 32.1223, 41.6504,
50.6406

■ 37.8114, 44.5608,
51.9183

■ 30.0153, 40.5753,
50.0412

■ 41.4480, 46.4242,
52.5992

■ 28.3595, 39.7327,
49.4664

■ 45.6456, 48.5768,
53.3097

■ 27.1203, 39.1047,
48.9143

■ 50.4272, 51.0303,
54.0510

■ 26.2577, 38.6710,
48.3832

■ 55.8142, 53.7959,
54.8239

■ 25.7245, 38.4069,
47.8708

■ 61.8272, 56.8842,
55.6295

■ 25.4652, 38.2815,
47.4836

■ 68.0411, 60.0758,
56.4479

■ 68.1428, 60.1165,
56.9837

■ 68.2452, 60.1575,
57.5228

Harmonies

Analogous

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



34.8082, 42.9723, 41.4974



34.7103, 42.9723, 51.2648



36.1882, 42.9723, 61.0567

Triad

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



34.7103, 42.9723, 51.2648



45.5615, 42.9723, 62.0813



42.7965, 42.9723, 30.8362

Complementary

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



34.7103, 42.9723, 51.2648



31.6745, 26.9470, 24.3023

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.



45.8827, 42.9723, 34.9384



34.7103, 42.9723, 51.2648



47.5398, 42.9723, 52.5135

Square

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



34.7103, 42.9723, 51.2648



42.3780, 42.9723, 67.8695



47.6605, 42.9723, 42.5826



39.3472, 42.9723, 30.6003

Rectangle

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



34.7103, 42.9723, 51.2648



37.9191, 42.9723, 65.9090



47.6605, 42.9723, 42.5826



43.9153, 42.9723, 31.7791

Sweetspot

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



34.7116, 42.9740, 51.2658



76.6304, 84.9156, 95.6003



30.5320, 41.3717, 26.1158



16.6503, 18.5845, 21.0133



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.



34.7116, 42.9740, 51.2658



59.3608, 76.0729, 92.0768



30.0392, 33.1238, 51.2666



9.2467, 10.2027, 11.4567



17.1400, 25.7569, 31.9886



0.6102, 0.9104, 1.1592

Inverse Universe

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



31.6745, 26.9470, 24.3023



52.9666, 42.3134, 35.2964



35.2453, 34.4034, 24.5224



9.0223, 9.0193, 9.4651



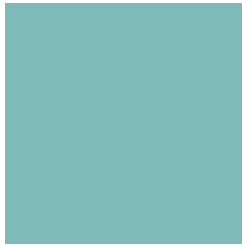
13.6660, 7.0402, 0.8621



0.4879, 0.2507, 0.0630

Previews

White Background



This preview shows how the XYZ color 34.7103, 42.9723, 51.2648 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 34.7103, 42.9723, 51.2648 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 34.7103, 42.9723, 51.2648

Background



This preview shows how black text looks on a background with the XYZ color 34.7103, 42.9723, 51.2648.

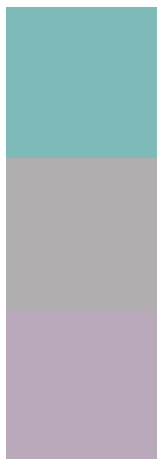


This preview shows how white text looks on a background with the XYZ color 34.7103, 42.9723,

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

34.7103, 42.9723, 51.2648

Protanopia

41.1040, 42.7538, 47.1602

Deuteranopia

43.3006, 42.3602, 52.3485



Tritanopia

36.5395, 43.1040, 59.8202

Trichromacy



Original Color

34.7103, 42.9723, 51.2648

Protanomaly

38.1576, 42.3646, 48.8139

Deuteranomaly

39.3968, 42.0552, 51.9400

Tritanomaly

36.0279, 43.2153, 56.8946

Monochromacy



Original Color

34.7103, 42.9723, 51.2648

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.0097, 40.4494, 45.4448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7103, 42.9723, 51.2648 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(126, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(126, 186, 183)  
}
```

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(126, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 186, 183) }
```

Border

The CSS property to change the border of an element to XYZ 34.7103, 42.9723, 51.2648 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(126, 186, 183) }
```


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

```
.border{ border-color:rgb(126, 186, 183) }
```

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

Here you see how a box with a 4 pixel rgb(126, 186, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(126, 186,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7103, 42.9723, 51.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 186, 183) }
```

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

```
.background{ background-color: rgb(126,  
186, 183) }
```

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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