

Converting Colors

XYZ(34.3663, 42.6966, 41.5519)

Have a look what the booklet for
XYZ(34.3663, 42.6966, 41.5519)
contains.

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Color

**XYZ(34.3663, 42.6966,
41.5519)**

Conversions

Conversions Part 1

Format	Color
Hex	89B9A4
RGB	137, 185, 164
RGB Percent	54%, 73%, 64%
CMY	0.4627, 0.2745, 0.3569
CMYK	0.26, 0.00, 0.11, 0.27
HSL	154°, 26%, 63%
HSV	154°, 26%, 73%
XYZ	34.3663, 42.6966, 41.5519
YIQ	168.2540, -21.8670, -16.7070

Conversions

Conversions Part 2

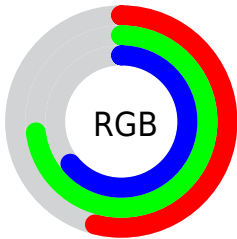
Format	Color
RYB	137, 168, 185
Decimal	9025956
CIELab	71.35, -20.30, 5.53
CIElCh	71, 21.037, 164.753
Yxy	42.6966, 0.2897, 0.3600
Android (android.graphics.Color)	4287216036 (0xFF89B9A4)
YUV	168.2540, -2.0972, -27.4098
Hunter-Lab	65.3426, -20.4693, 8.0369

Details

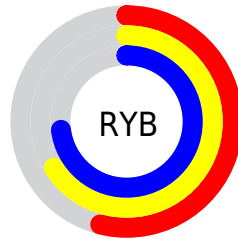
The XYZ color **34.3663, 42.6966, 41.5519** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1263, 30.6753, 36.4191**, and the grayscale version is **37.3628, 39.3086, 42.8071**.

A 20% lighter version of the original color is **65.7273, 79.1014, 78.8217**, and **15.0136, 19.6508, 18.3309** is the 20% darker color. If you saturate the color by 10%, you get **30.8821, 40.9834, 37.6941**, and if you desaturate by 10%, it is **38.4195, 44.7001, 45.6810**.

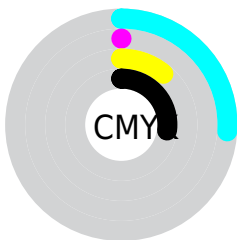
Distribution



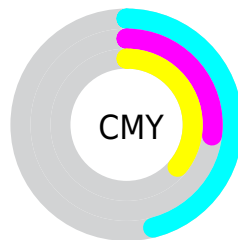
- Red (54%)
- Green (73%)
- Blue (64%)



- Red (54%)
- Yellow (66%)
- Blue (73%)



- Cyan (26%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (46%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3663, 42.6966, 41.5519 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 34.3663, 42.6966, 41.5519 by changing the saturation by 10% instead.


 34.3663, 42.6966,
41.5519


 34.3663, 42.6966,
41.5519


313.3195,
357.3625, 368.3667


 23.3394, 29.6471,
28.4276


 65.8434, 79.2528,
78.7837

 14.9664, 19.5709,
18.4064


 87.0243, 103.5284,
103.7284

 8.8819, 12.0835,
11.0697


 112.3205,
132.3147, 133.4503

 4.7208, 6.8006,
5.9990

142.0975,
165.9963, 168.3679

 2.1174, 3.3377,
2.7757

176.7205,
204.9575, 208.8998

 0.6987, 1.3105,
0.9813

216.5549,

 0.0000, 0.1493,

249.5826, 255.4646

0.0000

261.9662,
300.2562, 308.4807

■ 0.0000, 0.0000,
0.0000

■ 34.3663, 42.6966,
41.5519

■ 34.3663, 42.6966,
41.5519

■ 30.8821, 40.9834,
37.6941

■ 38.4195, 44.7001,
45.6810

■ 27.9358, 39.5410,
34.0990

■ 43.0634, 47.0015,
50.0842

■ 25.4990, 38.3561,
30.7616

■ 48.3233, 49.6148,
54.7677

■ 23.5388, 37.4119,
27.6756

■ 54.2216, 52.5516,
59.7368

■ 22.0184, 36.6894,
24.8343

■ 60.7797, 55.8228,
64.9965

■ 20.8953, 36.1669,
22.2307

■ 68.0180, 59.4388,
70.5516

■ 20.1154, 35.8166,
19.8570

■ 71.5960, 61.1620,
76.2030

■ 19.8514, 35.7002,
18.9570

■ 72.6987, 61.6031,
82.0099

■ 73.8541, 62.0652,
88.0943

Harmonies

Analogous

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



35.9785, 42.6966, 33.9815



34.3663, 42.6966, 41.5519



34.3527, 42.6966, 51.6289

Triad

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



34.3663, 42.6966, 41.5519



42.3388, 42.6966, 67.9881



45.6068, 42.6966, 34.0780

Complementary

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



34.3663, 42.6966, 41.5519



35.1263, 30.6753, 36.4191

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.



47.5218, 42.6966, 41.7027



34.3663, 42.6966, 41.5519



45.5619, 42.6966, 61.7420

Square

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



34.3663, 42.6966, 41.5519



38.8191, 42.6966, 67.9321



47.5050, 42.6966, 51.8032



42.3972, 42.6966, 30.1128

Rectangle

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



34.3663, 42.6966, 41.5519



35.2455, 42.6966, 58.5023



47.5050, 42.6966, 51.8032



46.4313, 42.6966, 36.2449

Sweetspot

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



34.3675, 42.6984, 41.5529



75.2135, 83.2283, 87.9315



36.0846, 43.8360, 30.2268



15.9383, 17.8053, 18.6978



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.



34.3675, 42.6984, 41.5529



57.9563, 74.6994, 70.5162



35.9260, 42.5251, 52.2157



9.0962, 10.1424, 10.6638



13.5536, 24.3224, 13.1030



0.5083, 0.8696, 0.6226

Inverse Universe

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



35.1263, 30.6753, 36.4191



59.5416, 49.5979, 59.8035



33.8148, 30.7027, 27.8115



9.1634, 9.0757, 10.2080



14.6685, 7.4412, 6.1412



0.5483, 0.2748, 0.3808

Previews

White Background



This preview shows how the XYZ color 34.3663, 42.6966, 41.5519 looks on a white background.

Color Contrast Check

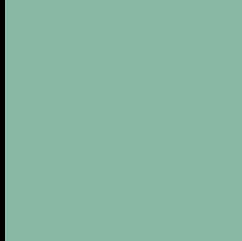
Large Text (above 18pt) WCAG AA × Fail

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 34.3663, 42.6966, 41.5519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

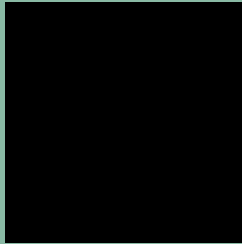
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

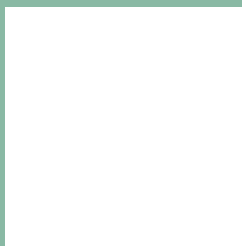
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3663, 42.6966, 41.5519

Background



This preview shows how black text looks on a background with the XYZ color 34.3663, 42.6966, 41.5519.

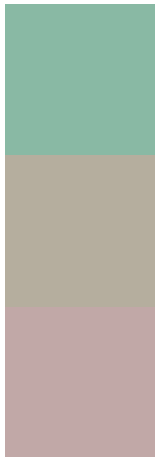


This preview shows how white text looks on a background with the XYZ color 34.3663, 42.6966,

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

34.3663, 42.6966, 41.5519

Protanopia

40.3637, 42.5645, 38.4361

Deuteranopia

42.9700, 42.1327, 42.4269



Tritanopia

37.7019, 42.8275, 57.9092

Trichromacy



Original Color

34.3663, 42.6966, 41.5519

Protanomaly

37.7826, 42.3782, 39.4462

Deuteranomaly

39.2526, 41.9095, 42.0969

Tritanomaly

36.3642, 42.5793, 51.6494

Monochromacy



Original Color

34.3663, 42.6966, 41.5519

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.0157, 40.2302, 42.4262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3663, 42.6966, 41.5519 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(137, 185, 164)` looks like.

```
.text, #text, p{  
    color:rgb(137, 185, 164)  
}
```

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(137, 185, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 185, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.3663, 42.6966, 41.5519 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(137, 185, 164) }
```


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

```
.border{ border-color:rgb(137, 185, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 185, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 185, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 185, 164);  
box-shadow:4px 4px 4px 4px rgb(137, 185,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3663, 42.6966, 41.5519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 185, 164) }
```

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

```
.background{ background-color: rgb(137,  
185, 164) }
```

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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