

Converting Colors

XYZ(34.8489, 42.0523, 43.0381)

Have a look what the booklet for
XYZ(34.8489, 42.0523, 43.0381)
contains.

XYZ(34.6875, 41.9086, 42.8202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.6875, 41.9086,
42.8202)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB6A7
RGB	141, 182, 167
RGB Percent	55%, 71%, 65%
CMY	0.4471, 0.2863, 0.3451
CMYK	0.23, 0.00, 0.08, 0.29
HSL	158°, 22%, 63%
HSV	158°, 23%, 71%
XYZ	34.6875, 41.9086, 42.8202
YIQ	168.0310, -19.6210, -13.3570

Conversions

Conversions Part 2

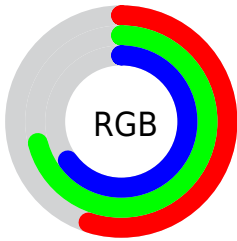
Format	Color
RYB	141, 166, 182
Decimal	9287335
CIELab	70.81, -16.86, 3.14
CIELCh	71, 17.149, 169.454
Yxy	41.9086, 0.2905, 0.3509
Android (android.graphics.Color)	4287477415 (0xFF8DB6A7)
YUV	168.0310, -0.5083, -23.7062
Hunter-Lab	64.7369, -17.6451, 6.0984

Details

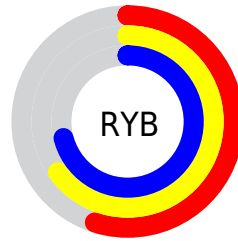
The XYZ color **34.6875, 41.9086, 42.8202** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8185, 31.3962, 35.6792**, and the grayscale version is **37.2449, 39.1845, 42.6719**.

A 20% lighter version of the original color is **66.2650, 78.0251, 80.6751**, and **15.1612, 19.1120, 19.1096** is the 20% darker color. If you saturate the color by 10%, you get **31.2438, 40.2038, 39.5282**, and if you desaturate by 10%, it is **38.6738, 43.8918, 46.3049**.

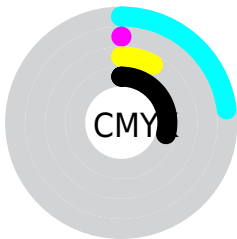
Distribution



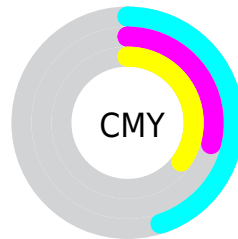
- Red (55%)
- Green (71%)
- Blue (65%)



- Red (55%)
- Yellow (65%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)




- Cyan (45%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6875, 41.9086, 42.8202 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 34.6875, 41.9086, 42.8202 by changing the saturation by 10% instead.


 34.6875, 41.9086,
42.8202


 34.6875, 41.9086,
42.8202


314.7191,
354.1039, 373.7713


 23.5876, 29.0297,
29.4137


 66.3386, 78.0613,
80.7229

 15.1511, 19.1033,
19.1457


 87.6205, 102.1039,
106.0562

 9.0125, 11.7450,
11.5978


 113.0272,
130.6365, 136.2022

 4.8065, 6.5703,
6.3512

142.9240,
164.0436, 171.5794

 2.1678, 3.1948,
2.9876

177.6762,
202.7094, 212.6064

 0.7257, 1.2343,
1.0883

217.6492,

 0.0000, 0.0894,

247.0185, 259.7017

0.0000

263.2084,
297.3552, 313.2838

■ 0.0000, 0.0000,
0.0000

■ 34.6875, 41.9086,
42.8202

■ 34.6875, 41.9086,
42.8202

■ 31.2438, 40.2038,
39.5282

■ 38.6738, 43.8918,
46.3049

■ 28.3140, 38.7591,
36.4225

■ 43.2228, 46.1602,
49.9829

■ 25.8717, 37.5622,
33.5001

■ 48.3579, 48.7269,
53.8587

■ 23.8871, 36.5978,
30.7571

■ 54.0999, 51.6028,
57.9354

■ 22.3266, 35.8485,
28.1892

■ 60.4688, 54.7979,
62.2164

■ 21.1519, 35.2948,
25.7920

■ 67.4834, 58.3220,
66.7047

■ 20.3173, 34.9130,
23.5605

■ 70.0574, 59.5529,
71.1644

■ 19.8469, 34.7047,
21.9964

■ 70.9236, 59.8993,
75.7257

■ 71.8249, 60.2599,
80.4720

Harmonies

Analogous

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



35.8144, 41.9086, 36.1755



34.6875, 41.9086, 42.8202



34.8886, 41.9086, 51.0571

Triad

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



34.6875, 41.9086, 42.8202



41.6849, 41.9086, 62.0766



43.5003, 41.9086, 34.7200

Complementary

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



34.6875, 41.9086, 42.8202



34.8185, 31.3962, 35.6792

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.



45.2234, 41.9086, 40.6043



34.6875, 41.9086, 42.8202



44.1412, 41.9086, 56.6061

Square

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



34.6875, 41.9086, 42.8202



38.8388, 41.9086, 62.8539



45.4634, 41.9086, 48.5629



40.8437, 41.9086, 31.8828

Rectangle

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



34.6875, 41.9086, 42.8202



35.7519, 41.9086, 56.3419



45.4634, 41.9086, 48.5629



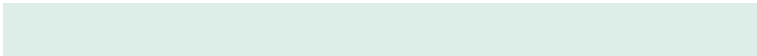
44.2132, 41.9086, 36.3722

Sweetspot

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



34.6887, 41.9103, 42.8211



74.4440, 81.7306, 87.5096



35.2538, 42.4520, 31.5360



16.3338, 17.9976, 19.2405



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.



34.6887, 41.9103, 42.8211



59.6898, 74.3940, 74.6458



35.0595, 40.3020, 50.1892



9.1235, 10.1534, 10.8076



14.0478, 24.5201, 15.7058



0.5239, 0.8759, 0.7046

Inverse Universe

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



34.8185, 31.3962, 35.6792



59.9679, 51.9739, 59.4233



34.4514, 32.5712, 29.6711



9.1368, 9.0651, 10.0678



14.3598, 7.3177, 4.5153



0.5365, 0.2701, 0.3186

Previews

White Background



This preview shows how the XYZ color 34.6875, 41.9086, 42.8202 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 34.6875, 41.9086, 42.8202 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 34.6875, 41.9086, 42.8202

Background



This preview shows how black text looks on a background with the XYZ color 34.6875, 41.9086, 42.8202.

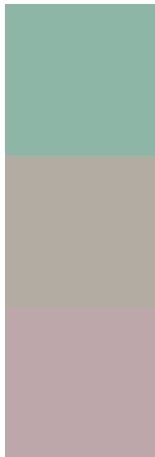


This preview shows how white text looks on a background with the XYZ color 34.6875, 41.9086,

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

34.6875, 41.9086, 42.8202

Protanopia

39.6342, 41.5787, 40.1190

Deuteranopia

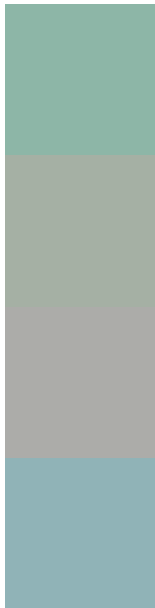
42.3096, 41.4869, 43.8080



Tritanopia

37.2889, 41.7576, 55.9639

Trichromacy



Original Color

34.6875, 41.9086, 42.8202

Protanomaly

37.7432, 41.7303, 41.1874

Deuteranomaly

38.9272, 41.1403, 43.4253

Tritanomaly

36.1689, 41.5884, 50.9208

Monochromacy



Original Color

34.6875, 41.9086, 42.8202

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.1120, 39.9834, 42.8600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6875, 41.9086, 42.8202 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(141, 182, 167)` looks like.

```
.text, #text, p{  
    color:rgb(141, 182, 167)  
}
```

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(141, 182, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 182, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.6875, 41.9086, 42.8202 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(141, 182, 167) }
```


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

```
.border{ border-color:rgb(141, 182, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 182, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 182, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 182, 167); box-shadow:4px 4px 4px 4px rgb(141, 182, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6875, 41.9086, 42.8202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 182, 167) }
```

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

```
.background{ background-color: rgb(141,  
182, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor