

Converting Colors

XYZ(34.1560, 42.0088, 41.7450)

Have a look what the booklet for
XYZ(34.1560, 42.0088, 41.7450)
contains.

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Color

**XYZ(34.2062, 41.9869,
41.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB7A5
RGB	138, 183, 165
RGB Percent	54%, 72%, 65%
CMY	0.4588, 0.2823, 0.3529
CMYK	0.25, 0.00, 0.10, 0.28
HSL	156°, 24%, 63%
HSV	156°, 25%, 72%
XYZ	34.2062, 41.9869, 41.8987
YIQ	167.4930, -21.0420, -15.1380

Conversions

Conversions Part 2

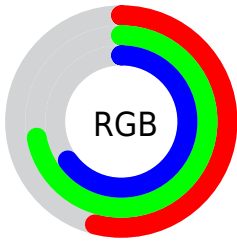
Format	Color
RYB	138, 166, 183
Decimal	9090981
CIELab	70.86, -18.75, 4.29
CIElCh	71, 19.237, 167.112
Yxy	41.9869, 0.2897, 0.3555
Android (android.graphics.Color)	4287281061 (0xFF8AB7A5)
YUV	167.4930, -1.2290, -25.8654
Hunter-Lab	64.7973, -19.1659, 7.0205

Details

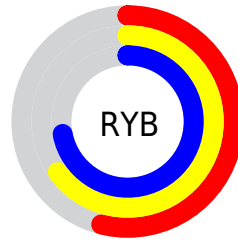
The XYZ color **34.2062, 41.9869, 41.8987** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.6191, 30.6455, 35.5447**, and the grayscale version is **36.9852, 38.9113, 42.3744**.

A 20% lighter version of the original color is **65.5230, 78.1068, 79.3328**, and **14.8937, 19.1838, 18.5406** is the 20% darker color. If you saturate the color by 10%, you get **30.7827, 40.2979, 38.3596**, and if you desaturate by 10%, it is **38.1804, 43.9576, 45.6645**.

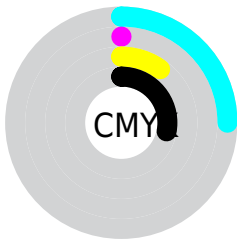
Distribution



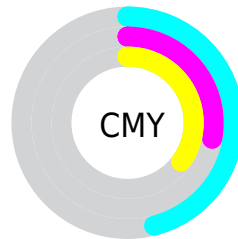
- Red (54%)
- Green (72%)
- Blue (65%)



- Red (54%)
- Yellow (65%)
- Blue (72%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (46%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2062, 41.9869, 41.8987 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 34.2062, 41.9869, 41.8987 by changing the saturation by 10% instead.

■ 34.2062, 41.9869,
41.8987

■ 34.2062, 41.9869,
41.8987

312.6203,
354.4286, 369.8501

■ 23.2157, 29.0910,
28.6970

■ 65.5964, 78.1798,
79.3147

■ 14.8744, 19.1497,
18.6081

■ 86.7267, 102.2456,
104.3661

■ 8.8170, 11.7785,
11.2135

■ 111.9678,
130.8036, 134.2045

■ 4.6782, 6.5930,
6.0947

141.6848,
164.2380, 169.2484

■ 2.0925, 3.2089,
2.8330

176.2432,
202.9333, 209.9164

■ 0.6851, 1.2418,
1.0100

216.0084,

■ 0.0000, 0.0954,

247.2739, 256.6270

0.0000

261.3456,
297.6442, 309.7987

■ 0.0000, 0.0000,
0.0000

■ 34.2062, 41.9869,
41.8987

■ 34.2062, 41.9869,
41.8987

■ 30.7827, 40.2979,
38.3596

■ 38.1804, 43.9576,
45.6645

■ 27.8801, 38.8721,
35.0399

■ 42.7261, 46.2173,
49.6584

■ 25.4713, 37.6965,
31.9358

■ 47.8675, 48.7795,
53.8858

■ 23.5250, 36.7552,
29.0423

■ 53.6260, 51.6553,
58.3506

■ 22.0061, 36.0301,
26.3542

■ 60.0221, 54.8551,
63.0569

■ 20.8745, 35.5007,
23.8660

■ 67.0755, 58.3889,
68.0085

■ 20.0816, 35.1418,
21.5715

■ 70.6009, 60.0992,
73.0123

■ 19.7377, 34.9900,
20.4072

■ 71.5702, 60.4870,
78.1168

■ 72.5823, 60.8918,
83.4464

Harmonies

Analogous

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



35.5678, 41.9869, 34.7446



34.2062, 41.9869, 41.8987



34.3122, 41.9869, 51.0987

Triad

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



34.2062, 41.9869, 41.8987



41.7448, 41.9869, 64.7054



44.2418, 41.9869, 33.9855

Complementary

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



34.2062, 41.9869, 41.8987



34.6191, 30.6455, 35.5447

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.



46.0798, 41.9869, 40.7264



34.2062, 41.9869, 41.8987



44.5861, 41.9869, 58.7849

Square

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



34.2062, 41.9869, 41.8987



38.5509, 41.9869, 65.1300



46.2091, 41.9869, 49.7597



41.2951, 41.9869, 30.6039

Rectangle

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



34.2062, 41.9869, 41.8987



35.2001, 41.9869, 57.1915



46.2091, 41.9869, 49.7597



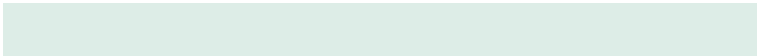
45.0165, 41.9869, 35.8894

Sweetspot

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



34.2074, 41.9886, 41.8996



74.3640, 81.6986, 87.0884



35.3782, 42.8468, 30.4508



16.3147, 17.9900, 19.1400



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.



34.2074, 41.9886, 41.8996



57.5248, 73.3509, 71.2466



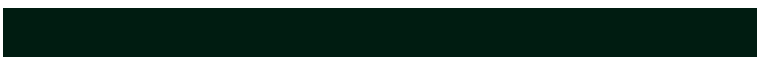
35.2001, 41.1644, 50.8922



9.1104, 10.1481, 10.7389



13.8033, 24.4223, 14.4180



0.5163, 0.8728, 0.6646

Inverse Universe

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



34.6191, 30.6455, 35.5447



58.4023, 49.2206, 57.7358



33.7530, 31.1749, 28.2836



9.1495, 9.0702, 10.1345



14.4991, 7.3734, 5.2489



0.5420, 0.2723, 0.3473

Previews

White Background



This preview shows how the XYZ color 34.2062, 41.9869, 41.8987 looks on a white background.

Color Contrast Check

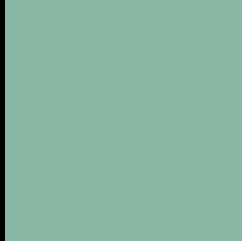
Large Text (above 18pt) WCAG AA × Fail

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 34.2062, 41.9869, 41.8987 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 34.2062, 41.9869, 41.8987

Background



This preview shows how black text looks on a background with the XYZ color 34.2062, 41.9869, 41.8987.

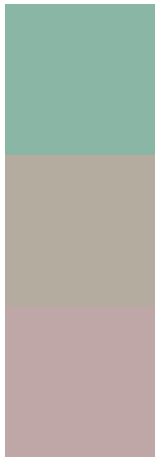


This preview shows how white text looks on a background with the XYZ color 34.2062, 41.9869, 41.8987.

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

34.2062, 41.9869, 41.8987

Protanopia

39.6009, 41.5920, 38.7417

Deuteranopia

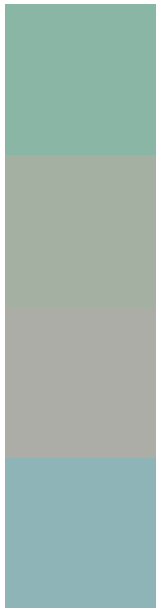
42.3725, 41.5410, 42.8307



Tritanopia

37.2473, 42.0197, 56.5996

Trichromacy



Original Color

34.2062, 41.9869, 41.8987

Protanomaly

37.2682, 41.5164, 39.7674

Deuteranomaly

38.9319, 41.4478, 42.5075

Tritanomaly

36.0238, 41.8122, 50.9716

Monochromacy



Original Color

34.2062, 41.9869, 41.8987

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.5368, 39.7082, 41.8679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2062, 41.9869, 41.8987 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(138, 183, 165)` looks like.

```
.text, #text, p{  
    color:rgb(138, 183, 165)  
}
```

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(138, 183, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 183, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.2062, 41.9869, 41.8987 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(138, 183, 165) }
```


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

```
.border{ border-color:rgb(138, 183, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 183, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 183, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 183, 165);  
box-shadow:4px 4px 4px 4px rgb(138, 183,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2062, 41.9869, 41.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 183, 165) }
```

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

```
.background{ background-color: rgb(138,  
183, 165) }
```

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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