

Converting Colors

XYZ(34.0595, 42.0427, 43.0688)

Have a look what the booklet for
XYZ(34.0595, 42.0427, 43.0688)
contains.

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Color

**XYZ(34.1072, 42.2219,
42.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	87B8A7
RGB	135, 184, 167
RGB Percent	53%, 72%, 65%
CMY	0.4706, 0.2784, 0.3451
CMYK	0.27, 0.00, 0.09, 0.28
HSL	159°, 26%, 63%
HSV	159°, 27%, 72%
XYZ	34.1072, 42.2219, 42.9112
YIQ	167.4110, -23.7470, -15.6750

Conversions

Conversions Part 2

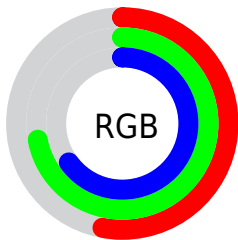
Format	Color
R_{YB}	135, 165, 184
Decimal	8894631
CIE _{Lab}	71.02, -19.79, 3.41
CIE _{LCh}	71, 20.084, 170.233
Yxy	42.2219, 0.2860, 0.3541
Android (android.graphics.Color)	4287084711 (0xFF87B8A7)
YUV	167.4110, -0.2026, -28.4244
Hunter-Lab	64.9784, -20.0174, 6.3302

Details

The XYZ color **34.1072, 42.2219, 42.9112** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.1001, 29.7864, 33.6596**, and the grayscale version is **36.9413, 38.8651, 42.3241**.

A 20% lighter version of the original color is **65.3312, 78.4129, 80.7991**, and **14.8670, 19.3552, 19.1720** is the 20% darker color. If you saturate the color by 10%, you get **30.8232, 40.5966, 39.7527**, and if you desaturate by 10%, it is **37.9344, 44.1261, 46.2490**.

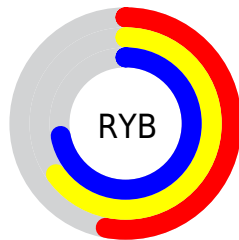
Distribution



Red (53%)

Green (72%)

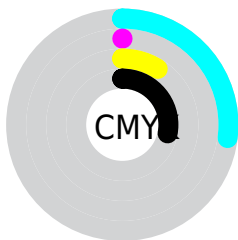
Blue (65%)



Red (53%)

Yellow (65%)

Blue (72%)

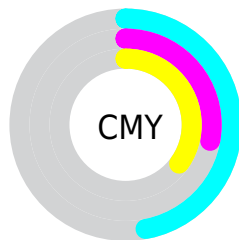


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (47%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1072, 42.2219, 42.9112 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 34.1072, 42.2219, 42.9112 by changing the saturation by 10% instead.


 34.1072, 42.2219,
42.9112


 34.1072, 42.2219,
42.9112


312.1873,
355.4020, 374.1569


 23.1392, 29.2751,
29.4846


 65.4435, 78.5354,
80.8618

 14.8176, 19.2890,
19.1990


 86.5426, 102.6708,
106.2228

 8.7770, 11.8793,
11.6359


 111.7494,
131.3045, 136.3990

 4.6519, 6.6615,
6.3767

141.4294,
164.8210, 171.8089

 2.0772, 3.2513,
3.0030

175.9478,
203.6046, 212.8711

 0.6768, 1.2643,
1.0962

215.6700,

 0.0000, 0.1133,

248.0397, 260.0042

0.0000

260.9614,
298.5107, 313.6266

■ 0.0000, 0.0000,
0.0000

■ 34.1072, 42.2219,
42.9112

■ 34.1072, 42.2219,
42.9112

■ 30.8232, 40.5966,
39.7527

■ 37.9344, 44.1261,
46.2490

■ 28.0521, 39.2312,
36.7674

■ 42.3260, 46.3168,
49.7666

■ 25.7660, 38.1126,
33.9524

■ 47.3065, 48.8076,
53.4681

■ 23.9328, 37.2243,
31.3042

■ 52.8979, 51.6097,
57.3566

■ 22.5163, 36.5476,
28.8186

■ 59.1209, 54.7340,
61.4350

■ 21.4745, 36.0610,
26.4913

■ 65.9952, 58.1904,
65.7062

■ 20.7510, 35.7354,
24.3173

■ 70.2261, 60.2805,
70.0180

■ 20.5411, 35.6425,
23.6171

■ 71.0462, 60.6085,
74.3364

■ 71.8985, 60.9494,
78.8243

Harmonies

Analogous

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



35.3769, 42.2219, 35.1456



34.1072, 42.2219, 42.9112



34.3810, 42.2219, 52.6573

Triad

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



34.1072, 42.2219, 42.9112



42.4015, 42.2219, 65.5615



44.3969, 42.2219, 33.1920

Complementary

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



34.1072, 42.2219, 42.9112



34.1001, 29.7864, 33.6596

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.



46.4880, 42.2219, 39.8788



34.1072, 42.2219, 42.9112



45.2923, 42.2219, 58.8217

Square

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



34.1072, 42.2219, 42.9112



39.0470, 42.2219, 66.6720



46.8245, 42.2219, 49.1760



41.2342, 42.2219, 30.0732

Rectangle

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



34.1072, 42.2219, 42.9112



35.4079, 42.2219, 58.9573



46.8245, 42.2219, 49.1760



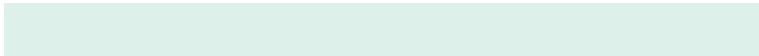
45.2557, 42.2219, 35.0495

Sweetspot

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



34.1084, 42.2236, 42.9122



75.4605, 83.3271, 89.2321



34.4920, 42.7220, 29.3505



16.0008, 17.8304, 19.0273



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.



34.1084, 42.2236, 42.9122



58.1964, 74.7382, 74.3666



34.2978, 39.9194, 51.2470



9.1307, 10.1563, 10.8457



14.1905, 24.5771, 16.4570



0.5282, 0.8776, 0.7275

Inverse Universe

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



34.1001, 29.7864, 33.6596



58.1816, 48.3664, 54.7613



33.8668, 31.3910, 27.1964



9.1298, 9.0623, 10.0310



14.2886, 7.2892, 4.1404



0.5336, 0.2689, 0.3033

Previews

White Background



This preview shows how the XYZ color 34.1072, 42.2219, 42.9112 looks on a white background.

Color Contrast Check

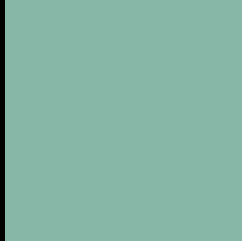
Large Text (above 18pt) WCAG AA × Fail

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 34.1072, 42.2219, 42.9112 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

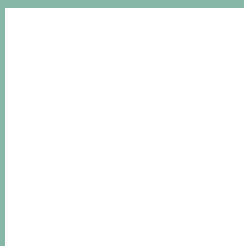
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1072, 42.2219, 42.9112

Background



This preview shows how black text looks on a background with the XYZ color 34.1072, 42.2219, 42.9112.

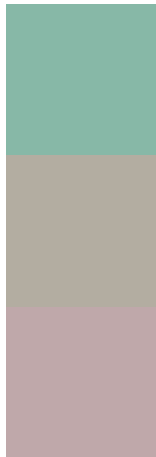


This preview shows how white text looks on a background with the XYZ color 34.1072, 42.2219,

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

34.1072, 42.2219, 42.9112

Protanopia

39.9670, 42.0441, 39.7270

Deuteranopia

42.7442, 41.9839, 43.8811



Tritanopia

37.0434, 42.2003, 57.2320

Trichromacy



Original Color

34.1072, 42.2219, 42.9112

Protanomaly

37.4373, 41.8752, 40.7599

Deuteranomaly

39.0921, 41.7946, 43.5429

Tritanomaly

35.8231, 41.9974, 51.5656

Monochromacy



Original Color

34.1072, 42.2219, 42.9112

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.4362, 39.6457, 42.3439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1072, 42.2219, 42.9112 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(135, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(135, 184, 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(135, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 184, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.1072, 42.2219, 42.9112 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(135, 184, 167) }
```


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

```
.border{ border-color:rgb(135, 184, 167) }
```

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

Here you see how a box with a 4 pixel rgb(135, 184, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(135, 184,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1072, 42.2219, 42.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 184, 167) }
```

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

```
.background{ background-color: rgb(135,  
184, 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](#).

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