

Converting Colors

XYZ(37.0559, 48.7370, 38.5544)

Have a look what the booklet for
XYZ(37.0559, 48.7370, 38.5544)
contains.

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Color

**XYZ(36.9873, 48.7024,
38.4614)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC79B
RGB	139, 199, 155
RGB Percent	55%, 78%, 61%
CMY	0.4549, 0.2196, 0.3922
CMYK	0.30, 0.00, 0.22, 0.22
HSL	136°, 35%, 66%
HSV	136°, 30%, 78%
XYZ	36.9873, 48.7024, 38.4614
YIQ	176.0440, -21.6360, -26.4040

Conversions

Conversions Part 2

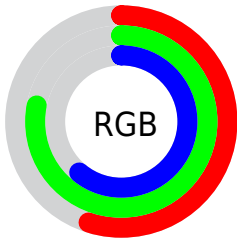
Format	Color
RYB	139, 186, 199
Decimal	9160603
CIELab	75.27, -28.35, 15.98
CIELCh	75, 32.538, 150.595
Yxy	48.7024, 0.2979, 0.3923
Android (android.graphics.Color)	4287350683 (0xFF8BC79B)
YUV	176.0440, -10.3747, -32.4876
Hunter-Lab	69.7871, -27.5221, 16.1748

Details

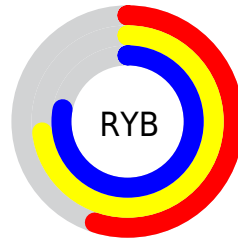
The XYZ color **36.9873, 48.7024, 38.4614** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.3347, 34.0274, 49.1912**, and the grayscale version is **41.3513, 43.5048, 47.3767**.

A 20% lighter version of the original color is **69.6410, 87.6425, 74.2190**, and **16.5546, 23.2765, 16.7170** is the 20% darker color. If you saturate the color by 10%, you get **32.8098, 46.6833, 32.2505**, and if you desaturate by 10%, it is **41.9205, 51.0966, 45.4831**.

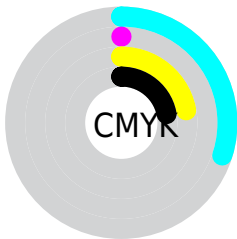
Distribution



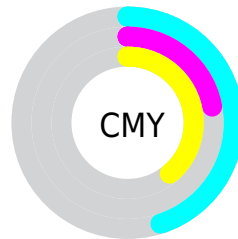
- Red (55%)
- Green (78%)
- Blue (61%)



- Red (55%)
- Yellow (73%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)




- Cyan (45%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9873, 48.7024, 38.4614 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 36.9873, 48.7024, 38.4614 by changing the saturation by 10% instead.


 36.9873, 48.7024,
38.4614


 36.9873, 48.7024,
38.4614


324.6120,
381.5696, 354.9525

 25.3713, 34.3835,
26.0364


 69.8672, 88.2493,
74.0260

 16.4841, 23.1883,
16.6249

 91.8618, 114.2460,
98.0028

 9.9604, 14.7326,
9.8083


 118.0467,
144.9042, 126.6671

 5.4348, 8.6320,
5.1681

148.7871,
180.6081, 160.4377

 2.5419, 4.5019,
2.2858

184.4485,
221.7422, 199.7329

 0.9164, 1.9581,
0.7232

225.3962,

 0.0000, 0.5830,

268.6909, 244.9715

0.0000

271.9956,
321.8385, 296.5718

■ 0.0000, 0.0000,
0.0000

■ 36.9873, 48.7024,
38.4614

■ 36.9873, 48.7024,
38.4614

■ 32.8098, 46.6833,
32.2505

■ 41.9205, 51.0966,
45.4831

■ 29.3458, 45.0143,
26.8178

■ 47.6407, 53.8775,
53.3400

■ 26.5552, 43.6765,
22.1334

■ 54.1823, 57.0637,
62.0595

■ 24.3921, 42.6469,
18.1643

■ 61.5766, 60.6706,
71.6670

■ 22.8043, 41.8996,
14.8747

■ 69.8531, 64.7129,
82.1866

■ 21.7311, 41.4038,
12.2259

■ 77.7763, 68.5535,
93.5824

■ 21.0685, 41.1064,
10.2001

■ 79.7144, 69.3287,
103.7881

Harmonies

Analogous

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



40.6867, 48.7024, 29.4531



36.9873, 48.7024, 38.4614



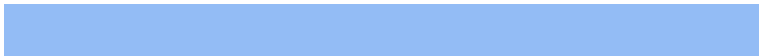
35.7282, 48.7024, 53.3708

Triad

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



36.9873, 48.7024, 38.4614



46.4095, 48.7024, 93.1935



56.8982, 48.7024, 37.9860

Complementary

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



36.9873, 48.7024, 38.4614



41.3347, 34.0274, 49.1912

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.



58.7521, 48.7024, 52.6880



36.9873, 48.7024, 38.4614



52.3859, 48.7024, 86.6847

Square

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



36.9873, 48.7024, 38.4614



40.8764, 48.7024, 87.1593



57.0351, 48.7024, 70.8755



52.1620, 48.7024, 29.2230

Rectangle

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



36.9873, 48.7024, 38.4614



36.3489, 48.7024, 65.4621



57.0351, 48.7024, 70.8755



57.8965, 48.7024, 42.2785

Sweetspot

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



36.9886, 48.7044, 38.4625



84.5125, 94.8672, 94.8767



44.8527, 52.9036, 32.2741



17.7490, 20.1399, 19.8479



0.0000, 0.0000, 0.0000



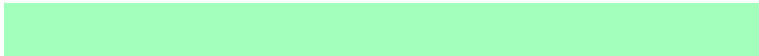
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.9886, 48.7044, 38.4625



59.9478, 82.9447, 60.2463



39.7242, 49.7987, 52.8677



10.6117, 11.9336, 11.9053



13.5784, 26.4437, 6.7242



0.6740, 1.2645, 0.4819

Inverse Universe

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



41.3347, 34.0274, 49.1912



68.7289, 53.2679, 81.9062



38.6200, 32.9415, 34.8956



10.9577, 10.7665, 12.7606



18.5161, 9.1560, 18.4594



0.9056, 0.4451, 1.0261

Previews

White Background



This preview shows how the XYZ color 36.9873, 48.7024, 38.4614 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 36.9873, 48.7024, 38.4614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

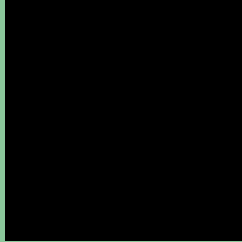
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9873, 48.7024, 38.4614

Background



This preview shows how black text looks on a background with the XYZ color 36.9873, 48.7024, 38.4614.



This preview shows how white text looks on a background with the XYZ color 36.9873, 48.7024,

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

36.9873, 48.7024, 38.4614

Protanopia

45.2507, 48.1549, 34.9268

Deuteranopia

49.0424, 48.1929, 39.5182



Tritanopia

42.5065, 48.5938, 66.1707

Trichromacy



Original Color

36.9873, 48.7024, 38.4614

Protanomaly

41.4627, 47.7435, 36.3083

Deuteranomaly

43.7380, 47.9007, 39.2883

Tritanomaly

40.2693, 48.6808, 54.8509

Monochromacy



Original Color

36.9873, 48.7024, 38.4614

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.3126, 44.8947, 43.6393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9873, 48.7024, 38.4614 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(139, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 155)  
}
```

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(139, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.9873, 48.7024, 38.4614 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(139, 199, 155) }
```


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

```
.border{ border-color:rgb(139, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9873, 48.7024, 38.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 155) }
```

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

```
.background{ background-color: rgb(139,  
199, 155) }
```

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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