

Converting Colors

XYZ(34.3343, 47.5777, 24.9134)

Have a look what the booklet for
XYZ(34.3343, 47.5777, 24.9134)
contains.

XYZ(34.4007, 47.6677, 24.8404)	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(34.4007, 47.6677,
24.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC777
RGB	139, 199, 119
RGB Percent	55%, 78%, 47%
CMY	0.4549, 0.2196, 0.5333
CMYK	0.30, 0.00, 0.40, 0.22
HSL	105°, 42%, 62%
HSV	105°, 40%, 78%
XYZ	34.4007, 47.6677, 24.8404
YIQ	171.9400, -10.0800, -37.6000

Conversions

Conversions Part 2

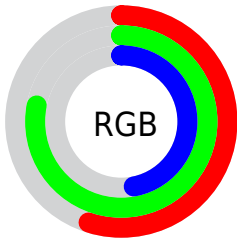
Format	Color
RYB	119, 199, 179
Decimal	9160567
CIELab	74.61, -34.26, 34.03
CIELCh	75, 48.283, 135.194
Yxy	47.6677, 0.3218, 0.4459
Android (android.graphics.Color)	4287350647 (0xFF8BC777)
YUV	171.9400, -26.0994, -28.8884
Hunter-Lab	69.0418, -31.8839, 26.9974

Details

The XYZ color **34.4007, 47.6677, 24.8404** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **35.4980, 26.9022, 57.3570**, and the grayscale version is **39.3149, 41.3624, 45.0436**.

A 20% lighter version of the original color is **65.4545, 85.9679, 52.1734**, and **15.0373, 22.6589, 9.2113** is the 20% darker color. If you saturate the color by 10%, you get **31.0044, 46.0422, 19.0828**, and if you desaturate by 10%, it is **38.3899, 49.5728, 31.9339**.

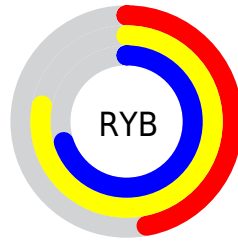
Distribution



Red (55%)

Green (78%)

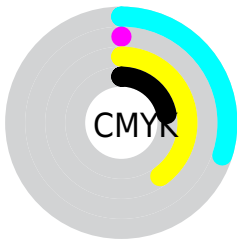
Blue (47%)



Red (47%)

Yellow (78%)

Blue (70%)

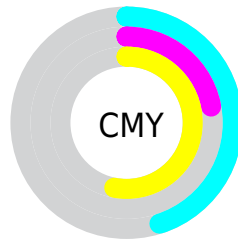


Cyan (30%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (45%)

Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4007, 47.6677, 24.8404 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 34.4007, 47.6677, 24.8404 by changing the saturation by 10% instead.

■ 34.4007, 47.6677,
24.8404

■ 34.4007, 47.6677,
24.8404

313.4696,
377.4735, 290.4644

■ 23.3659, 33.5638,
15.7402

■ 65.8965, 86.7094,
52.3591

■ 14.9861, 22.5587,
9.1882

■ 87.0882, 112.4161,
71.6147

■ 8.8959, 14.2680,
4.7656

■ 112.3963,
142.7591, 95.0926

■ 4.7299, 8.3073,
2.0541

142.1861,
178.1228, 123.2112

■ 2.1228, 4.2922,
0.5882

176.8230,
218.8918, 156.3892

■ 0.7016, 1.8383,
0.0000

216.6723,

■ 0.0000, 0.5109,

265.4503, 195.0450

0.0000

262.0994,
318.1827, 239.5972

■ 0.0000, 0.0000,
0.0000

■ 34.4007, 47.6677,
24.8404

■ 34.4007, 47.6677,
24.8404

■ 31.0044, 46.0422,
19.0828

■ 38.3899, 49.5728,
31.9339

■ 28.1681, 44.6769,
14.5745

■ 42.9958, 51.7638,
40.4366

■ 25.8607, 43.5592,
11.2235


■ 48.2451, 54.2544,
50.4200


■ 24.0466, 42.6730,
8.9238


■ 54.1619, 57.0555,
61.9501


■ 22.6849, 42.0000,
7.5499

■ 60.7689, 60.1776,
75.0887

 21.7273, 41.5204,
6.8691

 68.0879, 63.6305,
89.8942

 75.6027, 67.2091,
103.5957

 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.



41.0443, 47.6677, 17.9369



34.4007, 47.6677, 24.8404



30.9265, 47.6677, 40.5504

Triad

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



34.4007, 47.6677, 24.8404



41.1471, 47.6677, 113.7087



63.5328, 47.6677, 40.2845

Complementary

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



34.4007, 47.6677, 24.8404



35.4980, 26.9022, 57.3570

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.



63.5697, 47.6677, 65.1960



34.4007, 47.6677, 24.8404



49.8545, 47.6677, 113.5667

Square

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



34.4007, 47.6677, 24.8404



34.4676, 47.6677, 94.0759



58.3038, 47.6677, 93.7344



58.2089, 47.6677, 24.6999

Rectangle

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



34.4007, 47.6677, 24.8404



30.5490, 47.6677, 56.3810



58.3038, 47.6677, 93.7344



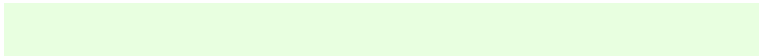
64.1844, 47.6677, 47.6668

Sweetspot

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



34.4019, 47.6697, 24.8414



82.5636, 94.0876, 84.6149



43.0050, 45.7163, 24.0110



17.4036, 20.0113, 17.5974



0.0000, 0.0000, 0.0000



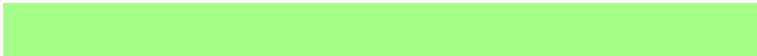
20.3446, 21.4041, 23.3091

Same Dimension

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



34.4019, 47.6697, 24.8414



55.1108, 81.0098, 34.7775



32.6928, 46.6350, 31.7055



10.7418, 12.0138, 11.3155



14.0391, 26.7327, 4.4200



0.7335, 1.3013, 0.2125

Inverse Universe

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



35.4980, 26.9022, 57.3570



57.2482, 39.7974, 99.2721



38.2884, 28.5917, 46.1505



10.8142, 10.6780, 13.4086



14.7121, 6.8186, 35.2851



0.7600, 0.3555, 1.6737

Previews

White Background



This preview shows how the XYZ color 34.4007, 47.6677, 24.8404 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 34.4007, 47.6677, 24.8404 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 34.4007, 47.6677, 24.8404

Background



This preview shows how black text looks on a background with the XYZ color 34.4007, 47.6677, 24.8404.



This preview shows how white text looks on a background with the XYZ color 34.4007, 47.6677,

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

34.4007, 47.6677, 24.8404

Protanopia

43.7335, 47.3386, 22.4550

Deuteranopia

48.2451, 47.2007, 25.9699



Tritanopia

42.2335, 47.5271, 64.0744

Trichromacy



Original Color

34.4007, 47.6677, 24.8404

Protanomaly

39.6522, 47.0980, 23.2206

Deuteranomaly

41.9508, 46.6582, 25.5338

Tritanomaly

38.8255, 47.4530, 46.6482

Monochromacy



Original Color

34.4007, 47.6677, 24.8404

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

36.9749, 43.2294, 36.5323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4007, 47.6677, 24.8404 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 119) }
```

Border

The CSS property to change the border of an element to XYZ 34.4007, 47.6677, 24.8404 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, 119) }
```


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

```
.border{ border-color:rgb(139, 199, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 119);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4007, 47.6677, 24.8404 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, 119) }
```

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

```
.background{ background-color: rgb(139,  
199, 119) }
```

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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