

Converting Colors

XYZ(34.0229, 43.8184, 24.6666)

Have a look what the booklet for
XYZ(34.0229, 43.8184, 24.6666)
contains.

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Color

**XYZ(34.0121, 43.8309,
24.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	96BC79
RGB	150, 188, 121
RGB Percent	59%, 74%, 47%
CMY	0.4118, 0.2627, 0.5255
CMYK	0.20, 0.00, 0.36, 0.26
HSL	94°, 33%, 61%
HSV	94°, 36%, 74%
XYZ	34.0121, 43.8309, 24.7568
YIQ	169.0000, -1.1410, -28.8930

Conversions

Conversions Part 2

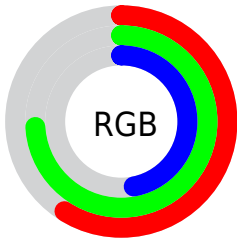
Format	Color
RYB	121, 188, 159
Decimal	9878649
CIELab	72.12, -24.83, 29.85
CIElCh	72, 38.829, 129.751
Yxy	43.8309, 0.3315, 0.4272
Android (android.graphics.Color)	4288068729 (0xFF96BC79)
YUV	169.0000, -23.6640, -16.6630
Hunter-Lab	66.2049, -24.1560, 24.1724

Details

The XYZ color **34.0121, 43.8309, 24.7568** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.2144, 24.6778, 50.7501**, and the grayscale version is **37.8268, 39.7968, 43.3387**.

A 20% lighter version of the original color is **65.1675, 80.7365, 52.1934**, and **14.8383, 20.3795, 9.1128** is the 20% darker color. If you saturate the color by 10%, you get **31.0962, 42.4495, 19.1775**, and if you desaturate by 10%, it is **37.3335, 45.3980, 31.5297**.

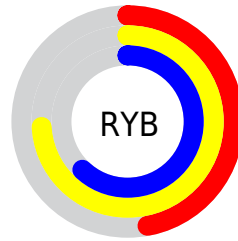
Distribution



Red (59%)

Green (74%)

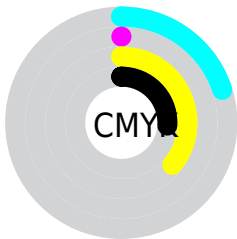
Blue (47%)



Red (47%)

Yellow (74%)

Blue (62%)

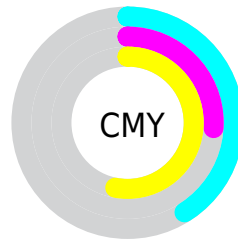


Cyan (20%)

Magenta (0%)

Yellow (36%)

Black (26%)



Cyan (41%)


Magenta (26%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0121, 43.8309, 24.7568 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 34.0121, 43.8309, 24.7568 by changing the saturation by 10% instead.


 34.0121, 43.8309,
24.7568


 34.0121, 43.8309,
24.7568


311.7710,
362.0178, 290.0334


 23.0658, 30.5376,
15.6786


 65.2966, 80.9632,
52.2216

 14.7631, 20.2470,
9.1451

 86.3656, 105.5710,
71.4453

 8.7385, 12.5747,
4.7379

 111.5396,
134.7191, 94.8879

 4.6268, 7.1364,
2.0383

141.1838,
168.7919, 122.9680

 2.0625, 3.5475,
0.5786

175.6637,
208.1738, 156.1040

 0.6687, 1.4238,
0.0000

215.3447,

 0.0000, 0.2342,

253.2491, 194.7146

0.0000

260.5919,
304.4023, 239.2182

■ 0.0000, 0.0000,
0.0000

■ 34.0121, 43.8309,
24.7568

■ 34.0121, 43.8309,
24.7568

■ 31.0962, 42.4495,
19.1775

■ 37.3335, 45.3980,
31.5297

■ 28.5647, 41.2405,
14.7198

■ 41.0738, 47.1524,
39.5571

■ 26.3993, 40.1975,
11.3081


■ 45.2496, 49.1027,
48.8990

■ 24.5784, 39.3112,
8.8566


■ 49.8756, 51.2552,
59.6108


■ 23.0779, 38.5713,
7.2656


■ 54.9658, 53.6160,
71.7447


 21.8685, 37.9655,
6.4109

 60.5337, 56.1909,
85.3503

 21.4091, 37.7338,
6.1550

 66.5918, 58.9856,
100.4745

 70.3973, 60.9030,
102.6529

 74.0306, 62.7761,
102.8229

Harmonies

Analogous

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



39.5333, 43.8309, 19.9817



34.0121, 43.8309, 24.7568



30.7855, 43.8309, 36.1467

Triad

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



34.0121, 43.8309, 24.7568



37.3923, 43.8309, 90.9459



55.5640, 43.8309, 41.7914

Complementary

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



34.0121, 43.8309, 24.7568



30.2144, 24.6778, 50.7501

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.



54.8340, 43.8309, 61.5428



34.0121, 43.8309, 24.7568



43.8616, 43.8309, 93.6357

Square

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



34.0121, 43.8309, 24.7568



32.5883, 43.8309, 75.1562



50.3761, 43.8309, 81.7487



52.2759, 43.8309, 27.9410

Rectangle

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



34.0121, 43.8309, 24.7568



30.1446, 43.8309, 47.5653



50.3761, 43.8309, 81.7487



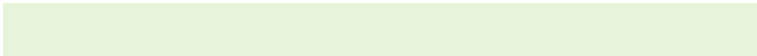
55.7878, 43.8309, 47.8838

Sweetspot

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



34.0132, 43.8328, 24.7578



77.7114, 86.9839, 78.9356



36.5843, 36.8583, 23.2760



16.4941, 18.6039, 16.4907



90.7827, 95.5105, 104.0109



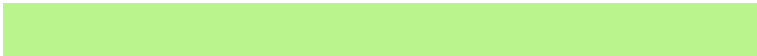
18.6292, 19.5994, 21.3438

Same Dimension

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



34.0132, 43.8328, 24.7578



57.3217, 77.3897, 36.5485



29.6013, 41.5260, 26.0146



9.7899, 10.8461, 10.1542



14.6576, 25.7322, 4.1943



0.6492, 1.0466, 0.1678

Inverse Universe

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



30.2144, 24.6778, 50.7501



49.3787, 37.3764, 90.8380



36.1810, 27.8085, 48.5541



9.5204, 9.4851, 12.0012



10.3650, 4.6294, 32.7402



0.4797, 0.2193, 1.2859

Previews

White Background



This preview shows how the XYZ color 34.0121, 43.8309, 24.7568 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 34.0121, 43.8309, 24.7568 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 34.0121, 43.8309, 24.7568

Background



This preview shows how black text looks on a background with the XYZ color 34.0121, 43.8309, 24.7568.



This preview shows how white text looks on a background with the XYZ color 34.0121, 43.8309,

24.7568.

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

34.0121, 43.8309, 24.7568

Protanopia

40.1636, 43.3880, 22.7809

Deuteranopia

44.4680, 43.5582, 25.4659



Tritanopia

40.4437, 43.6675, 56.7491

Trichromacy



Original Color

34.0121, 43.8309, 24.7568

Protanomaly

37.4958, 43.1806, 23.4980

Deuteranomaly

39.9025, 43.1973, 25.3036

Tritanomaly

37.6076, 43.4140, 42.9568

Monochromacy



Original Color

34.0121, 43.8309, 24.7568

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.0931, 40.9990, 35.7171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0121, 43.8309, 24.7568 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(150, 188, 121)` looks like.

```
.text, #text, p{  
    color:rgb(150, 188, 121)  
}
```

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(150, 188, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 188, 121) }
```

Border

The CSS property to change the border of an element to XYZ 34.0121, 43.8309, 24.7568 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(150, 188, 121) }
```


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

```
.border{ border-color:rgb(150, 188, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 188, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 188, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 188, 121);  
box-shadow:4px 4px 4px 4px rgb(150, 188,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0121, 43.8309, 24.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 188, 121) }
```

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

```
.background{ background-color: rgb(150,  
188, 121) }
```

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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