

Converting Colors

XYZ(34.2330, 46.2259, 24.8875)

Have a look what the booklet for
XYZ(34.2330, 46.2259, 24.8875)
contains.

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Color

**XYZ(34.2330, 46.2259,
24.8875)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC378
RGB	143, 195, 120
RGB Percent	56%, 76%, 47%
CMY	0.4392, 0.2353, 0.5294
CMYK	0.27, 0.00, 0.38, 0.24
HSL	102°, 38%, 62%
HSV	102°, 38%, 76%
XYZ	34.2330, 46.2259, 24.8875
YIQ	170.9020, -6.9170, -34.3490

Conversions

Conversions Part 2

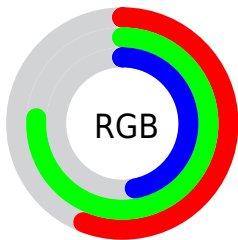
Format	Color
RYB	120, 195, 172
Decimal	9421688
CIELab	73.69, -30.86, 32.36
CIElCh	74, 44.712, 133.642
Yxy	46.2259, 0.3250, 0.4388
Android (android.graphics.Color)	4287611768 (0xFF8FC378)
YUV	170.9020, -25.0947, -24.4701
Hunter-Lab	67.9896, -29.1065, 25.8897

Details

The XYZ color **34.2330, 46.2259, 24.8875** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.5819, 26.1450, 54.9087**, and the grayscale version is **38.7850, 40.8048, 44.4365**.

A 20% lighter version of the original color is **65.6419, 84.6437, 52.4133**, and **14.8468, 21.6656, 9.1937** is the 20% darker color. If you saturate the color by 10%, you get **30.9670, 44.6667, 19.1737**, and if you desaturate by 10%, it is **38.0245, 48.0309, 31.8858**.

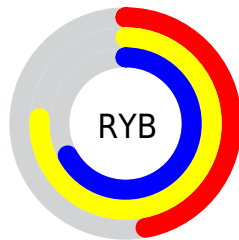
Distribution



Red (56%)

Green (76%)

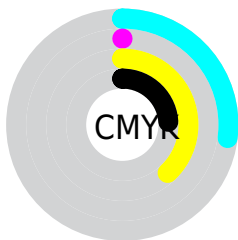
Blue (47%)



Red (47%)

Yellow (76%)

Blue (67%)

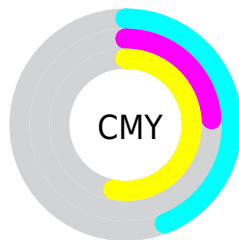


Cyan (27%)

Magenta (0%)

Yellow (38%)

Black (24%)



Cyan (44%)


Magenta (24%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2330, 46.2259, 24.8875 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 34.2330, 46.2259, 24.8875 by changing the saturation by 10% instead.


 34.2330, 46.2259,
24.8875


 34.2330, 46.2259,
24.8875


312.7374,
371.7161, 290.7069

 23.2364, 32.4241,
15.7750

 65.6377, 84.5570,
52.4365

 14.8898, 21.6857,
9.2125


 86.7766, 109.8551,
71.7101

 8.8279, 13.6261,
4.7813


 112.0268,
139.7540, 95.2078

 4.6853, 7.8611,
2.0630

141.7539,
174.6383, 123.3482

 2.0967, 4.0062,
0.5936

176.3232,
214.8922, 156.5497

 0.6874, 1.6770,
0.0000

216.0999,

 0.0000, 0.4087,

260.9003, 195.2310

0.0000

261.4495,
313.0467, 239.8106

■ 0.0000, 0.0000,
0.0000

■ 34.2330, 46.2259,
24.8875

■ 34.2330, 46.2259,
24.8875

■ 30.9670, 44.6667,
19.1737

■ 38.0245, 48.0309,
31.8858

■ 28.1983, 43.3364,
14.6634

■ 42.3610, 50.0861,
40.2371

■ 25.9012, 42.2249,
11.2710

■ 47.2652, 52.4031,
50.0086

■ 24.0459, 41.3190,
8.8985

■ 52.7574, 54.9911,
61.2621

■ 22.5985, 40.6038,
7.4309

■ 58.8570, 57.8587,
74.0557

■ 21.5113, 40.0588,
6.6845

■ 65.5821, 61.0141,
88.4446

■ 21.3672, 39.9864,
6.5920

■ 72.7072, 64.3680,
103.1999

■ 77.4099, 66.7923,
103.4200

■ 78.8060, 67.5121,
103.4853

Harmonies

Analogous

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



40.4382, 46.2259, 18.7099



34.2330, 46.2259, 24.8875



30.8724, 46.2259, 39.0101

Triad

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



34.2330, 46.2259, 24.8875



39.7812, 46.2259, 104.9198



60.4779, 46.2259, 40.7216

Complementary

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



34.2330, 46.2259, 24.8875



33.5819, 26.1450, 54.9087

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.



60.2467, 46.2259, 63.6569



34.2330, 46.2259, 24.8875



47.6306, 46.2259, 105.7965

Square

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



34.2330, 46.2259, 24.8875



33.8021, 46.2259, 86.8751



55.3192, 46.2259, 88.9983



55.9172, 46.2259, 25.8140

Rectangle

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



34.2330, 46.2259, 24.8875



30.4113, 46.2259, 53.1563



55.3192, 46.2259, 88.9983



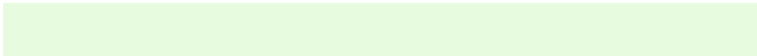
60.9733, 46.2259, 47.6098

Sweetspot

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



34.2342, 46.2279, 24.8885



81.2566, 92.2492, 82.7401



40.5079, 42.1804, 23.7766



17.5361, 20.0796, 17.6036



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.



34.2342, 46.2279, 24.8885



56.4173, 80.4536, 35.9687



31.5479, 44.7396, 29.4367



10.2285, 11.4052, 10.7242



13.9631, 26.0271, 4.2878



0.6753, 1.1617, 0.1886

Inverse Universe

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



33.5819, 26.1450, 54.9087



55.0597, 39.4836, 97.1889



37.5900, 28.3827, 47.3499



10.1870, 10.0876, 12.6950



13.0067, 5.9656, 34.0226



0.6296, 0.2926, 1.4732

Previews

White Background



This preview shows how the XYZ color 34.2330, 46.2259, 24.8875 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 34.2330, 46.2259, 24.8875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

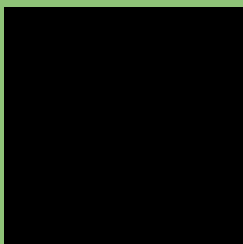
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

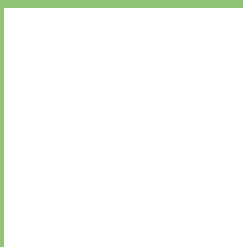
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2330, 46.2259, 24.8875

Background



This preview shows how black text looks on a background with the XYZ color 34.2330, 46.2259, 24.8875.



This preview shows how white text looks on a background with the XYZ color 34.2330, 46.2259,

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

34.2330, 46.2259, 24.8875

Protanopia

42.3845, 45.7277, 22.5120

Deuteranopia

46.6696, 45.8149, 25.7854



Tritanopia

41.4846, 45.9360, 61.3236

Trichromacy



Original Color

34.2330, 46.2259, 24.8875

Protanomaly

38.6328, 45.3060, 23.2318

Deuteranomaly

41.0853, 45.2966, 25.3166

Tritanomaly

38.3108, 45.9148, 45.3713

Monochromacy



Original Color

34.2330, 46.2259, 24.8875

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

36.6867, 42.4866, 35.9729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2330, 46.2259, 24.8875 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(143, 195, 120)` looks like.

```
.text, #text, p{  
    color:rgb(143, 195, 120)  
}
```

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(143, 195, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 195, 120) }
```

Border

The CSS property to change the border of an element to XYZ 34.2330, 46.2259, 24.8875 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(143, 195, 120) }
```


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

```
.border{ border-color:rgb(143, 195, 120) }
```

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

Here you see how a box with a 4 pixel rgb(143, 195, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 195, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 195, 120);  
box-shadow:4px 4px 4px 4px rgb(143, 195,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2330, 46.2259, 24.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 195, 120) }
```

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

```
.background{ background-color: rgb(143,  
195, 120) }
```

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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