

Converting Colors

XYZ(34.5062, 43.1003, 26.5792)

Have a look what the booklet for
XYZ(34.5062, 43.1003, 26.5792)
contains.

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Color

**XYZ(34.5062, 43.1003,
26.5792)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB97F
RGB	154, 185, 127
RGB Percent	60%, 73%, 50%
CMY	0.3961, 0.2745, 0.5020
CMYK	0.17, 0.00, 0.31, 0.27
HSL	92°, 29%, 61%
HSV	92°, 31%, 73%
XYZ	34.5062, 43.1003, 26.5792
YIQ	169.1190, 0.1420, -24.6100

Conversions

Conversions Part 2

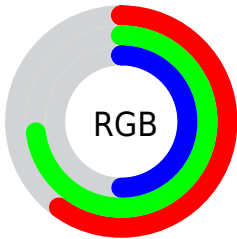
Format	Color
RYB	127, 185, 158
Decimal	10140031
CIELab	71.62, -21.00, 26.08
CIElCh	72, 33.481, 128.837
Yxy	43.1003, 0.3312, 0.4137
Android (android.graphics.Color)	4288330111 (0xFF9AB97F)
YUV	169.1190, -20.7647, -13.2594
Hunter-Lab	65.6508, -21.0690, 21.9516

Details

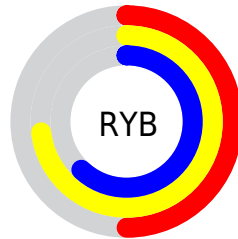
The XYZ color **34.5062, 43.1003, 26.5792** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.4487, 25.9519, 49.3057**, and the grayscale version is **37.8715, 39.8437, 43.3898**.

A 20% lighter version of the original color is **65.9880, 79.7612, 55.0975**, and **15.0703, 19.8631, 10.0609** is the 20% darker color. If you saturate the color by 10%, you get **31.6045, 41.7325, 20.7171**, and if you desaturate by 10%, it is **37.7866, 44.6404, 33.6165**.

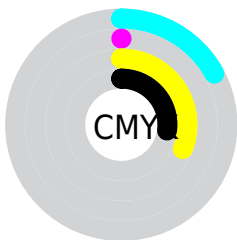
Distribution



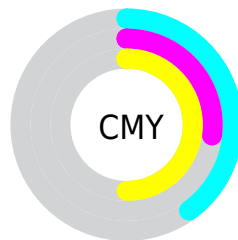
- Red (60%)
- Green (73%)
- Blue (50%)



- Red (50%)
- Yellow (73%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5062, 43.1003, 26.5792 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 34.5062, 43.1003, 26.5792 by changing the saturation by 10% instead.

■ 34.5062, 43.1003,
26.5792

■ 34.5062, 43.1003,
26.5792

313.9297,
359.0241, 299.3093

■ 23.4475, 29.9638,
17.0278

■ 66.0592, 79.8622,
55.2034

■ 15.0468, 19.8111,
10.0921

■ 87.2841, 104.2564,
75.1132

■ 8.9388, 12.2578,
5.3537

■ 112.6285,
133.1720, 99.3130

■ 4.7580, 6.9195,
2.3939

142.4577,
166.9933, 128.2212

■ 2.1393, 3.4118,
0.7831

177.1371,
206.1048, 162.2564

■ 0.7104, 1.3503,
0.0000

217.0319,

■ 0.0000, 0.1797,

250.8908, 201.8371

0.0000

262.5077,
301.7358, 247.3819

■ 0.0000, 0.0000,
0.0000

■ 34.5062, 43.1003,
26.5792

■ 34.5062, 43.1003,
26.5792

■ 31.6045, 41.7325,
20.7171

■ 37.7866, 44.6404,
33.6165

■ 29.0624, 40.5246,
15.9634

■ 41.4572, 46.3534,
41.8853

■ 26.8639, 39.4711,
12.2486


■ 45.5330, 48.2473,
51.4419


■ 24.9899, 38.5641,
9.4947


■ 50.0273, 50.3277,
62.3380


■ 23.4195, 37.7946,
7.6122


■ 54.9526, 52.5999,
74.6227


 22.1282, 37.1522,
6.4950

 60.3207, 55.0692,
88.3425

 21.1982, 36.6836,
5.9634

 65.9001, 57.6432,
102.2607

 69.0407, 59.2622,
102.4077

 72.3623, 60.9746,
102.5631

Harmonies

Analogous

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



39.3145, 43.1003, 22.3567



34.5062, 43.1003, 26.5792



31.6224, 43.1003, 36.5417

Triad

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



34.5062, 43.1003, 26.5792



37.1569, 43.1003, 82.4540



52.7014, 43.1003, 42.2969

Complementary

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



34.5062, 43.1003, 26.5792



30.4487, 25.9519, 49.3057

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.



51.9885, 43.1003, 59.1186



34.5062, 43.1003, 26.5792



42.6621, 43.1003, 85.0045

Square

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



34.5062, 43.1003, 26.5792



33.0518, 43.1003, 69.3410



48.1845, 43.1003, 75.6697



50.0512, 43.1003, 29.9556

Rectangle

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



34.5062, 43.1003, 26.5792



31.0100, 43.1003, 46.2985



48.1845, 43.1003, 75.6697



52.8519, 43.1003, 47.5650

Sweetspot

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



34.5073, 43.1022, 26.5801



75.7918, 83.7339, 78.5844



36.0555, 36.2792, 25.1816



16.1195, 17.9491, 16.4330



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.



34.5073, 43.1022, 26.5801



57.9549, 75.3793, 39.7676



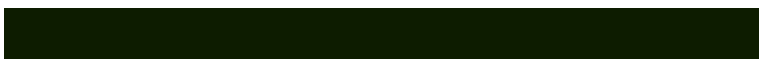
30.0607, 40.7952, 27.0362



9.2770, 10.2595, 9.5982



14.5159, 25.0195, 4.0642



0.5833, 0.9189, 0.1466

Inverse Universe

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



30.4487, 25.9519, 49.3057



49.4751, 39.5575, 87.2323



36.1529, 28.9159, 48.5143



8.9672, 8.9494, 11.3342



9.5428, 4.2307, 31.5667



0.4071, 0.1856, 1.1161

Previews

White Background



This preview shows how the XYZ color 34.5062, 43.1003, 26.5792 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 34.5062, 43.1003, 26.5792 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 34.5062, 43.1003, 26.5792

Background



This preview shows how black text looks on a background with the XYZ color 34.5062, 43.1003, 26.5792.



This preview shows how white text looks on a background with the XYZ color 34.5062, 43.1003,

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

34.5062, 43.1003, 26.5792

Protanopia

39.8914, 42.9088, 24.9186

Deuteranopia

43.5530, 42.7658, 27.4319



Tritanopia

40.4360, 43.0984, 55.4778

Trichromacy



Original Color

34.5062, 43.1003, 26.5792

Protanomaly

37.6627, 42.9255, 25.3692

Deuteranomaly

39.6588, 42.4486, 27.2222

Tritanomaly

37.8863, 42.9433, 43.3378

Monochromacy



Original Color

34.5062, 43.1003, 26.5792

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.4725, 40.8856, 36.5412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5062, 43.1003, 26.5792 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(154, 185, 127)` looks like.

```
.text, #text, p{  
    color:rgb(154, 185, 127)  
}
```

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(154, 185, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 185, 127) }
```

Border

The CSS property to change the border of an element to XYZ 34.5062, 43.1003, 26.5792 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(154, 185, 127) }
```


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

```
.border{ border-color:rgb(154, 185, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 185, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 185, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 185, 127);  
box-shadow:4px 4px 4px 4px rgb(154, 185,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5062, 43.1003, 26.5792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 185, 127) }
```

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

```
.background{ background-color: rgb(154,  
185, 127) }
```

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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