

Converting Colors

XYZ(34.6512, 43.4942, 26.3076)

Have a look what the booklet for
XYZ(34.6512, 43.4942, 26.3076)
contains.

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Color

**XYZ(34.6512, 43.4942,
26.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	9ABA7E
RGB	154, 186, 126
RGB Percent	60%, 73%, 49%
CMY	0.3961, 0.2706, 0.5059
CMYK	0.17, 0.00, 0.32, 0.27
HSL	92°, 30%, 61%
HSV	92°, 32%, 73%
XYZ	34.6512, 43.4942, 26.3076
YIQ	169.5920, 0.1880, -25.4440

Conversions

Conversions Part 2

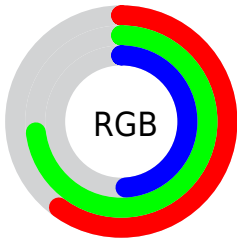
Format	Color
R _{YB}	126, 186, 158
Decimal	10140286
CIE Lab	71.89, -21.64, 26.97
CIE LCh	72, 34.578, 128.753
Yxy	43.4942, 0.3317, 0.4164
Android (android.graphics.Color)	4288330366 (0xFF9ABA7E)
YUV	169.5920, -21.4909, -13.6742
Hunter-Lab	65.9501, -21.6261, 22.5142

Details

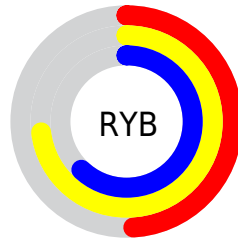
The XYZ color **34.6512, 43.4942, 26.3076** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.4262, 25.7373, 49.8209**, and the grayscale version is **38.1098, 40.0945, 43.6629**.

A 20% lighter version of the original color is **66.1833, 80.3142, 54.6618**, and **15.1715, 20.1216, 9.9217** is the 20% darker color. If you saturate the color by 10%, you get **31.7503, 42.1261, 20.4787**, and if you desaturate by 10%, it is **37.9337, 45.0359, 33.3211**.

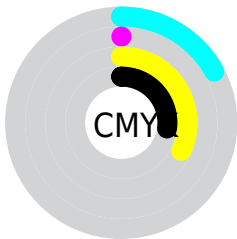
Distribution



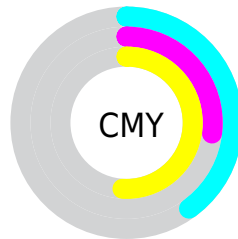
- Red (60%)
- Green (73%)
- Blue (49%)



- Red (49%)
- Yellow (73%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6512, 43.4942, 26.3076 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 34.6512, 43.4942, 26.3076 by changing the saturation by 10% instead.

■ 34.6512, 43.4942,
26.3076

■ 34.6512, 43.4942,
26.3076

314.5611,
360.6402, 297.9422

■ 23.5596, 30.2731,
16.8261

■ 66.2827, 80.4561,
54.7609

■ 15.1302, 20.0459,
9.9499

■ 87.5532, 104.9656,
74.5698

■ 8.9977, 12.4284,
5.2606

■ 112.9474,
134.0068, 98.6582

■ 4.7968, 7.0362,
2.3396

142.8307,
167.9639, 127.4447

■ 2.1621, 3.4847,
0.7533

177.5683,
207.2214, 161.3478

■ 0.7226, 1.3897,
0.0000

217.5257,

■ 0.0000, 0.2091,

252.1637, 200.7861

0.0000

263.0682,
303.1752, 246.1780

■ 0.0000, 0.0000,
0.0000

■ 34.6512, 43.4942,
26.3076

■ 34.6512, 43.4942,
26.3076

■ 31.7503, 42.1261,
20.4787

■ 37.9337, 45.0359,
33.3211

■ 29.2114, 40.9189,
15.7660

■ 41.6093, 46.7518,
41.5767

■ 27.0181, 39.8671,
12.0987


■ 45.6936, 48.6501,
51.1315


■ 25.1513, 38.9626,
9.3967


■ 50.1997, 50.7363,
62.0386


■ 23.5892, 38.1962,
7.5681

■ 55.1405, 53.0161,
74.3476


 22.3066, 37.5572,
6.5034

 60.5281, 55.4945,
88.1060

 21.4710, 37.1359,
6.0363

 66.1795, 58.0989,
102.3339

 69.3347, 59.7255,
102.4816

 72.6722, 61.4460,
102.6378

Harmonies

Analogous

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



39.6411, 43.4942, 21.9991



34.6512, 43.4942, 26.3076



31.6615, 43.4942, 36.5540

Triad

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



34.6512, 43.4942, 26.3076



37.3719, 43.4942, 84.4554



53.5677, 43.4942, 42.5937

Complementary

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



34.6512, 43.4942, 26.3076



30.4262, 25.7373, 49.8209

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.



52.8134, 43.4942, 60.1046



34.6512, 43.4942, 26.3076



43.0866, 43.4942, 87.1694

Square

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



34.6512, 43.4942, 26.3076



33.1255, 43.4942, 70.6879



48.8384, 43.4942, 77.4061



50.8111, 43.4942, 29.8250

Rectangle

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



34.6512, 43.4942, 26.3076



31.0240, 43.4942, 46.6557



48.8384, 43.4942, 77.4061



53.7213, 43.4942, 48.0669

Sweetspot

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



34.6523, 43.4961, 26.3085



76.9029, 85.4286, 78.7830



36.2442, 36.4009, 24.8551



16.7135, 18.7096, 16.8375



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.



34.6523, 43.4961, 26.3085



58.8561, 76.9720, 39.6777



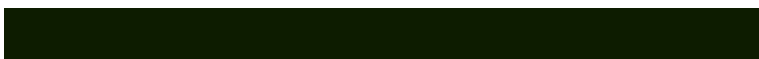
30.0607, 41.1140, 26.7742



9.2780, 10.2600, 9.5983



14.5292, 25.0264, 4.0648



0.5837, 0.9191, 0.1466

Inverse Universe

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



30.4262, 25.7373, 49.8209



49.9511, 39.5625, 89.2050



36.3640, 28.8227, 48.9965



8.9662, 8.9489, 11.3342



9.5271, 4.2226, 31.5660



0.4066, 0.1853, 1.1161

Previews

White Background



This preview shows how the XYZ color 34.6512, 43.4942, 26.3076 looks on a white background.

Color Contrast Check

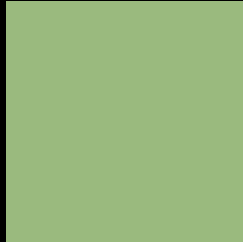
Large Text (above 18pt) WCAG AA × Fail

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 34.6512, 43.4942, 26.3076 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 34.6512, 43.4942, 26.3076

Background



This preview shows how black text looks on a background with the XYZ color 34.6512, 43.4942, 26.3076.



This preview shows how white text looks on a background with the XYZ color 34.6512, 43.4942,

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

34.6512, 43.4942, 26.3076

Protanopia

40.2734, 43.4030, 24.6673

Deuteranopia

44.0443, 43.0269, 27.1027



Tritanopia

40.7447, 43.5391, 56.1256

Trichromacy



Original Color

34.6512, 43.4942, 26.3076

Protanomaly

38.0279, 43.4197, 25.1154

Deuteranomaly

40.0315, 42.9363, 26.9465

Tritanomaly

38.0890, 43.3485, 43.4054

Monochromacy



Original Color

34.6512, 43.4942, 26.3076

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.6679, 41.2763, 36.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6512, 43.4942, 26.3076 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, 186, 126)` looks like.

```
.text, #text, p{  
    color:rgb(154, 186, 126)  
}
```

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, 186, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 186, 126) }
```

Border

The CSS property to change the border of an element to XYZ 34.6512, 43.4942, 26.3076 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, 186, 126) }
```


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

```
.border{ border-color:rgb(154, 186, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 186, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 186, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 186, 126);  
box-shadow:4px 4px 4px 4px rgb(154, 186,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6512, 43.4942, 26.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 186, 126) }
```

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

```
.background{ background-color: rgb(154,  
186, 126) }
```

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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