

Converting Colors

XYZ(35.5053, 42.4076, 26.3024)

Have a look what the booklet for
XYZ(35.5053, 42.4076, 26.3024)
contains.

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Color

**XYZ(35.4589, 42.3666,
26.3874)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B57F
RGB	163, 181, 127
RGB Percent	64%, 71%, 50%
CMY	0.3608, 0.2902, 0.5020
CMYK	0.10, 0.00, 0.30, 0.29
HSL	80°, 27%, 60%
HSV	80°, 30%, 71%
XYZ	35.4589, 42.3666, 26.3874
YIQ	169.4620, 6.6060, -20.6100

Conversions

Conversions Part 2

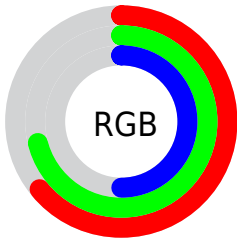
Format	Color
RYB	127, 181, 145
Decimal	10728831
CIELab	71.12, -15.59, 25.52
CIELCh	71, 29.903, 121.418
Yxy	42.3666, 0.3403, 0.4065
Android (android.graphics.Color)	4288918911 (0xFFA3B57F)
YUV	169.4620, -20.9338, -5.6672
Hunter-Lab	65.0896, -16.6653, 21.5265

Details

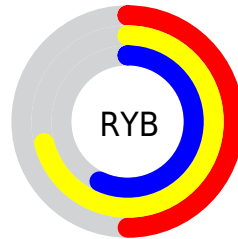
The XYZ color **35.4589, 42.3666, 26.3874** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.6087, 24.5359, 46.9992**, and the grayscale version is **38.0402, 40.0213, 43.5832**.

A 20% lighter version of the original color is **67.4358, 78.7691, 54.8297**, and **15.6143, 19.3537, 9.9339** is the 20% darker color. If you saturate the color by 10%, you get **33.1777, 41.3162, 20.6664**, and if you desaturate by 10%, it is **38.0132, 43.5359, 33.2292**.

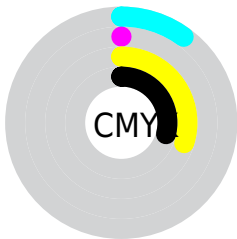
Distribution



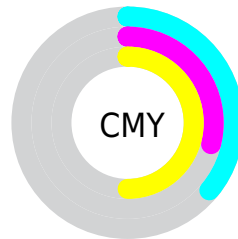
- Red (64%)
- Green (71%)
- Blue (50%)



- Red (50%)
- Yellow (71%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4589, 42.3666, 26.3874 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 35.4589, 42.3666, 26.3874 by changing the saturation by 10% instead.


 35.4589, 42.3666,
26.3874


 35.4589, 42.3666,
26.3874


318.0619,
356.0004, 298.3444


 24.1848, 29.3885,
16.8853


 67.5254, 78.7542,
54.8910

 15.5962, 19.3749,
9.9917


 89.0485, 102.9324,
74.7296

 9.3279, 11.9415,
5.2879


 114.7186,
131.6127, 98.8508

 5.0145, 6.7038,
2.3555

144.9011,
165.1796, 127.6731

 2.2906, 3.2776,
0.7620

179.9613,
204.0174, 161.6151

 0.7899, 1.2783,
0.0000

220.2646,

 0.0000, 0.1243,

248.5105, 201.0953

0.0000

266.1764,
299.0434, 246.5322

■ 0.0000, 0.0000,
0.0000

■ 35.4589, 42.3666,
26.3874

■ 35.4589, 42.3666,
26.3874

■ 33.1777, 41.3162,
20.6664

■ 38.0132, 43.5359,
33.2292

■ 31.1543, 40.3742,
16.0036

■ 40.8486, 44.8232,
41.2444

■ 29.3763, 39.5370,
12.3345

■ 43.9769, 46.2345,
50.4857

■ 27.8292, 38.7987,
9.5865

■ 47.4080, 47.7741,
61.0015

■ 26.4965, 38.1525,
7.6770

■ 51.1513, 49.4458,
72.8380

■ 25.3588, 37.5907,
6.5087

■ 55.2160, 51.2533,
86.0386

■ 24.3777, 37.0977,
5.8843

■ 59.6107, 53.2000,
100.6452

■ 24.3622, 37.0899,
5.8750

■ 61.5182, 54.1594,
101.8192

■ 63.2827, 55.0690,
101.9018

Harmonies

Analogous

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



40.0305, 42.3666, 23.7061



35.4589, 42.3666, 26.3874



32.3978, 42.3666, 34.1653

Triad

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



35.4589, 42.3666, 26.3874



35.8392, 42.3666, 74.7982



50.6707, 42.3666, 45.4514

Complementary

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



35.4589, 42.3666, 26.3874



27.6087, 24.5359, 46.9992

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.



49.3200, 42.3666, 60.6052



35.4589, 42.3666, 26.3874



40.5068, 42.3666, 79.5161

Square

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



35.4589, 42.3666, 26.3874



32.6042, 42.3666, 62.0332



45.4938, 42.3666, 73.8609



49.0479, 42.3666, 33.2075

Rectangle

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



35.4589, 42.3666, 26.3874



31.4856, 42.3666, 42.1400



45.4938, 42.3666, 73.8609



50.5487, 42.3666, 50.3642

Sweetspot

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



35.4600, 42.3685, 26.3883



73.5217, 80.4389, 74.9260



33.0138, 31.6083, 24.4403



15.7250, 17.3108, 15.7152



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.4600, 42.3685, 26.3883



60.6873, 74.5798, 40.1118



30.5094, 39.8163, 26.1566



8.9163, 9.7619, 9.0668



16.8697, 25.6067, 4.0535



0.5896, 0.8360, 0.1303

Inverse Universe

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



27.6087, 24.5359, 46.9992



44.2963, 37.3344, 83.1662



32.9447, 27.2867, 47.2489



8.3001, 8.3632, 10.6831



7.1155, 3.0040, 30.3418



0.2873, 0.1272, 0.9576

Previews

White Background



This preview shows how the XYZ color 35.4589, 42.3666, 26.3874 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 35.4589, 42.3666, 26.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

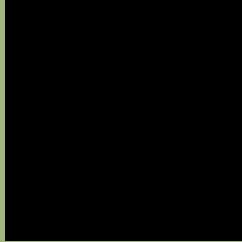
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4589, 42.3666, 26.3874

Background



This preview shows how black text looks on a background with the XYZ color 35.4589, 42.3666, 26.3874.



This preview shows how white text looks on a background with the XYZ color 35.4589, 42.3666,

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

35.4589, 42.3666, 26.3874

Protanopia

39.2677, 42.2921, 25.1624

Deuteranopia

43.0248, 42.2283, 27.0023



Tritanopia

40.7078, 42.1329, 53.0006

Trichromacy



Original Color

35.4589, 42.3666, 26.3874

Protanomaly

37.7839, 42.3899, 25.5927

Deuteranomaly

39.9502, 42.0372, 26.7773

Tritanomaly

38.4653, 42.0921, 41.6946

Monochromacy



Original Color

35.4589, 42.3666, 26.3874

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.7127, 40.4357, 36.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4589, 42.3666, 26.3874 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(163, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(163, 181, 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(163, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 181, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.4589, 42.3666, 26.3874 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(163, 181, 127) }
```


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

```
.border{ border-color:rgb(163, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(163, 181,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4589, 42.3666, 26.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 181, 127) }
```

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

```
.background{ background-color: rgb(163,  
181, 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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