

Converting Colors

XYZ(35.2539, 42.0966, 27.3500)

Have a look what the booklet for
XYZ(35.2539, 42.0966, 27.3500)
contains.

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Color

**XYZ(35.4534, 42.3408,
27.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B582
RGB	162, 181, 130
RGB Percent	64%, 71%, 51%
CMY	0.3647, 0.2902, 0.4902
CMYK	0.10, 0.00, 0.28, 0.29
HSL	82°, 26%, 61%
HSV	82°, 28%, 71%
XYZ	35.4534, 42.3408, 27.4231
YIQ	169.5050, 5.0470, -19.8890

Conversions

Conversions Part 2

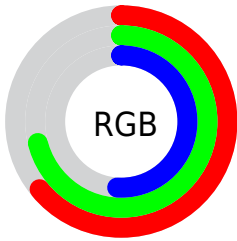
Format	Color
RYB	130, 181, 149
Decimal	10663298
CIELab	71.11, -15.53, 23.88
CIELCh	71, 28.484, 123.040
Yxy	42.3408, 0.3370, 0.4024
Android (android.graphics.Color)	4288853378 (0xFFA2B582)
YUV	169.5050, -19.4760, -6.5819
Hunter-Lab	65.0698, -16.6161, 20.5616

Details

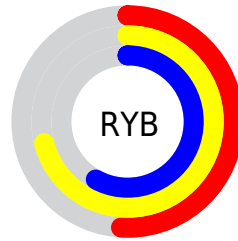
The XYZ color **35.4534, 42.3408, 27.4231** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.7193, 25.6922, 47.1638**, and the grayscale version is **38.0551, 40.0369, 43.6002**.

A 20% lighter version of the original color is **67.4467, 78.7390, 56.4431**, and **15.5975, 19.3325, 10.4989** is the 20% darker color. If you saturate the color by 10%, you get **33.0106, 41.2111, 21.5151**, and if you desaturate by 10%, it is **38.1856, 43.5976, 34.4620**.

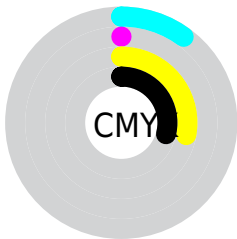
Distribution



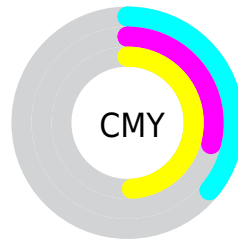
- Red (64%)
- Green (71%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4534, 42.3408, 27.4231 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 35.4534, 42.3408, 27.4231 by changing the saturation by 10% instead.


 35.4534, 42.3408,
27.4231


 35.4534, 42.3408,
27.4231


318.0382,
355.8937, 303.5246


 24.1805, 29.3682,
17.6560


 67.5170, 78.7152,
56.5740

 15.5930, 19.3596,
10.5364


 89.0383, 102.8857,
76.7949

 9.3256, 11.9304,
5.6458


 114.7066,
131.5578, 101.3375

 5.0130, 6.6963,
2.5657

144.8870,
165.1157, 130.6203

 2.2897, 3.2729,
0.8746

179.9451,
203.9438, 165.0619

 0.7894, 1.2758,
0.0000

220.2460,

 0.0000, 0.1224,

248.4266, 205.0808

0.0000

266.1553,
298.9485, 251.0955

■ 0.0000, 0.0000,
0.0000

■ 35.4534, 42.3408,
27.4231

■ 35.4534, 42.3408,
27.4231

■ 33.0106, 41.2111,
21.5151

■ 38.1856, 43.5976,
34.4620

■ 30.8417, 40.1978,
16.6763

■ 41.2155, 44.9808,
42.6838

■ 28.9343, 39.2974,
12.8432

■ 44.5549, 46.4964,
52.1405

■ 27.2737, 38.5037,
9.9443

■ 48.2140, 48.1489,
62.8804

■ 25.8433, 37.8101,
7.8991

■ 52.2026, 49.9421,
74.9490

■ 24.6241, 37.2088,
6.6132

■ 56.5299, 51.8798,
88.3896

■ 23.5854, 36.6873,
5.9330

■ 60.9289, 53.8556,
101.7916

■ 23.4072, 36.5975,
5.8303

■ 62.8804, 54.8616,
101.8829

■ 64.9137, 55.9098,
101.9781

Harmonies

Analogous

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



39.7598, 42.3408, 24.5551



35.4534, 42.3408, 27.4231



32.6193, 42.3408, 35.2027

Triad

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



35.4534, 42.3408, 27.4231



36.2323, 42.3408, 73.6585



50.1006, 42.3408, 44.7245

Complementary

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



35.4534, 42.3408, 27.4231



28.7193, 25.6922, 47.1638

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.



48.9722, 42.3408, 59.0464



35.4534, 42.3408, 27.4231



40.7314, 42.3408, 77.5713

Square

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



35.4534, 42.3408, 27.4231



33.0434, 42.3408, 61.9344



45.4471, 42.3408, 71.7732



48.4205, 42.3408, 33.2276

Rectangle

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



35.4534, 42.3408, 27.4231



31.8192, 42.3408, 42.9959



45.4471, 42.3408, 71.7732



50.0374, 42.3408, 49.3540

Sweetspot

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



35.4545, 42.3427, 27.4240



73.8372, 80.5668, 76.5112



33.7869, 32.8370, 25.6771



15.7765, 17.3303, 16.0323



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.



35.4545, 42.3427, 27.4240



60.6401, 74.5109, 42.1242



30.8382, 39.9629, 27.2080



8.8840, 9.7453, 9.0653



16.2142, 25.2688, 4.0228



0.5721, 0.8270, 0.1295

Inverse Universe

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



28.7193, 25.6922, 47.1638



46.5325, 39.6224, 83.4900



33.8248, 28.3242, 47.4027



8.3312, 8.3792, 10.6846



7.4376, 3.1700, 30.3569



0.2998, 0.1337, 0.9582

Previews

White Background



This preview shows how the XYZ color 35.4534, 42.3408, 27.4231 looks on a white background.

Color Contrast Check

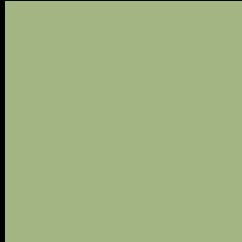
Large Text (above 18pt) WCAG AA × Fail

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 35.4534, 42.3408, 27.4231 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

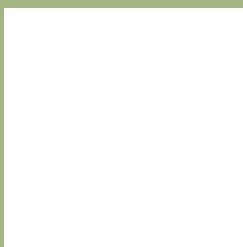
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4534, 42.3408, 27.4231

Background



This preview shows how black text looks on a background with the XYZ color 35.4534, 42.3408, 27.4231.



This preview shows how white text looks on a background with the XYZ color 35.4534, 42.3408,

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

35.4534, 42.3408, 27.4231

Protanopia

39.4603, 42.3692, 26.1770

Deuteranopia

42.9542, 42.1683, 28.0657



Tritanopia

40.6833, 42.4060, 53.0546

Trichromacy



Original Color

35.4534, 42.3408, 27.4231

Protanomaly

37.9785, 42.4678, 26.6175

Deuteranomaly

39.9036, 41.9898, 27.8315

Tritanomaly

38.5414, 42.4129, 42.2316

Monochromacy



Original Color

35.4534, 42.3408, 27.4231

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.9888, 40.8542, 36.9465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4534, 42.3408, 27.4231 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(162, 181, 130)` looks like.

```
.text, #text, p{  
    color:rgb(162, 181, 130)  
}
```

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(162, 181, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 181, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.4534, 42.3408, 27.4231 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(162, 181, 130) }
```


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

```
.border{ border-color:rgb(162, 181, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 181, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 181, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 181, 130);  
box-shadow:4px 4px 4px 4px rgb(162, 181,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4534, 42.3408, 27.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 181, 130) }
```

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

```
.background{ background-color: rgb(162,  
181, 130) }
```

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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