

Converting Colors

XYZ(36.9075, 42.7035, 36.9003)

Have a look what the booklet for
XYZ(36.9075, 42.7035, 36.9003)
contains.

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Color

**XYZ(36.8519, 42.5527,
36.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B49A
RGB	161, 180, 154
RGB Percent	63%, 71%, 60%
CMY	0.3686, 0.2941, 0.3961
CMYK	0.11, 0.00, 0.14, 0.29
HSL	104°, 15%, 65%
HSV	104°, 14%, 71%
XYZ	36.8519, 42.5527, 36.8430
YIQ	171.3550, -2.9780, -12.1140

Conversions

Conversions Part 2

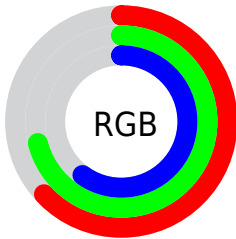
Format	Color
RYB	154, 180, 173
Decimal	10597530
CIELab	71.25, -11.48, 11.06
CIELCh	71, 15.947, 136.067
Yxy	42.5527, 0.3170, 0.3661
Android (android.graphics.Color)	4288787610 (0xFFA1B49A)
YUV	171.3550, -8.5560, -9.0813
Hunter-Lab	65.2324, -13.3164, 12.1760

Details

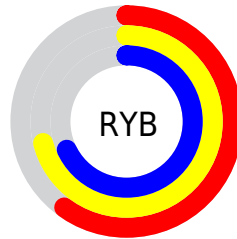
The XYZ color **36.8519, 42.5527, 36.8430** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0292, 35.2919, 48.0427**, and the grayscale version is **38.9309, 40.9584, 44.6037**.

A 20% lighter version of the original color is **69.6995, 79.1439, 71.2773**, and **16.3442, 19.4092, 15.7169** is the 20% darker color. If you saturate the color by 10%, you get **32.9509, 40.7034, 29.4127**, and if you desaturate by 10%, it is **41.2590, 44.6395, 45.4723**.

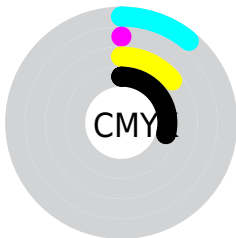
Distribution



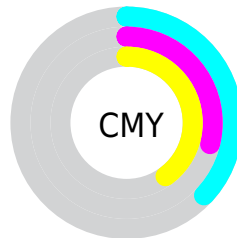
- Red (63%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)





- Cyan (37%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8519, 42.5527, 36.8430 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 36.8519, 42.5527, 36.8430 by changing the saturation by 10% instead.


 36.8519, 42.5527,
36.8430


 36.8519, 42.5527,
36.8430


324.0356,
356.7690, 347.7785

 25.2660, 29.5343,
24.7911


 69.6603, 79.0354,
71.5149

 16.4051, 19.4854,
15.7039


 91.6134, 103.2686,
94.9720

 9.9039, 12.0215,
9.1628

117.7530,
132.0087, 123.0679

 5.3971, 6.7583,
4.7493

148.4445,
165.6403, 156.2211

 2.5192, 3.3114,
2.0448

184.0531,
204.5478, 194.8503

 0.9050, 1.2964,
0.5826

224.9443,

 0.0000, 0.1384,

249.1154, 239.3739

0.0000

271.4833,
299.7277, 290.2104

■ 0.0000, 0.0000,
0.0000

■ 36.8519, 42.5527,
36.8430

■ 36.8519, 42.5527,
36.8430

■ 32.9509, 40.7034,
29.4127

■ 41.2590, 44.6395,
45.4723

■ 29.5341, 39.0775,
23.1258

■ 46.1863, 46.9661,
55.3476

■ 26.5827, 37.6681,
17.9262

■ 51.6518, 49.5421,
66.5165

■ 24.0758, 36.4655,
13.7522

■ 57.6712, 52.3747,
79.0234

■ 21.9902, 35.4594,
10.5357

■ 64.2599, 55.4707,
92.9108

■ 20.3010, 34.6385,
8.2006

■ 70.2842, 58.3776,
102.1714

■ 18.9799, 33.9902,
6.6589

■ 74.9118, 60.7632,
102.3879

■ 17.9944, 33.5000,
5.8048

■ 75.6121, 61.1243,
102.4207

■ 17.5625, 33.2837,
5.4988

Harmonies

Analogous

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



39.0378, 42.5527, 33.5669



36.8519, 42.5527, 36.8430



35.6542, 42.5527, 42.8746

Triad

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



36.8519, 42.5527, 36.8430



39.2189, 42.5527, 62.1557



45.5932, 42.5527, 42.3730

Complementary

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



36.8519, 42.5527, 36.8430



37.0292, 35.2919, 48.0427

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.



45.6470, 42.5527, 49.9718



36.8519, 42.5527, 36.8430



41.8858, 42.5527, 61.9831

Square

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



36.8519, 42.5527, 36.8430



36.9794, 42.5527, 57.7746



44.2645, 42.5527, 57.3261



44.1207, 42.5527, 36.5108

Rectangle

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



36.8519, 42.5527, 36.8430



35.5416, 42.5527, 47.9076



44.2645, 42.5527, 57.3261



45.7799, 42.5527, 44.7926

Sweetspot

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



36.8531, 42.5545, 36.8439



75.1271, 81.0877, 83.0806



39.5303, 41.7850, 36.5543



16.1014, 17.4615, 17.6866



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.



36.8531, 42.5545, 36.8439



64.7144, 76.1589, 62.7521



35.9621, 42.0397, 39.3098



8.5965, 9.5971, 9.0519



12.3130, 23.2577, 3.8402



0.4443, 0.7611, 0.1235

Inverse Universe

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



37.0292, 35.2919, 48.0427



65.0882, 60.7047, 86.5813



38.0554, 35.8859, 45.1549



8.6225, 8.5294, 10.6982



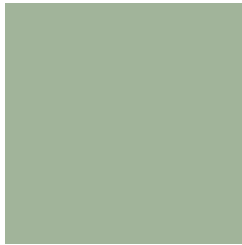
12.4085, 5.7326, 30.5895



0.4424, 0.2072, 0.9649

Previews

White Background



This preview shows how the XYZ color 36.8519, 42.5527, 36.8430 looks on a white background.

Color Contrast Check

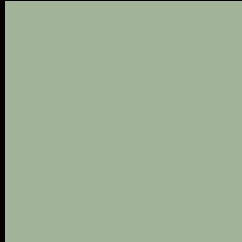
Large Text (above 18pt) WCAG AA × Fail

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 36.8519, 42.5527, 36.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

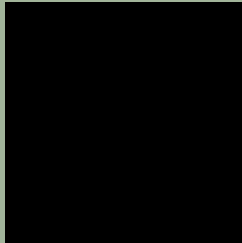
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8519, 42.5527, 36.8430

Background



This preview shows how black text looks on a background with the XYZ color 36.8519, 42.5527, 36.8430.



This preview shows how white text looks on a background with the XYZ color 36.8519, 42.5527,

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

36.8519, 42.5527, 36.8430

Protanopia

40.2504, 42.5737, 35.3743

Deuteranopia

43.0293, 42.2759, 37.3447



Tritanopia

40.4516, 42.5496, 54.2250

Trichromacy



Original Color

36.8519, 42.5527, 36.8430

Protanomaly

38.8720, 42.4316, 35.8471

Deuteranomaly

40.4361, 42.0620, 36.9979

Tritanomaly

39.0757, 42.5782, 47.2332

Monochromacy



Original Color

36.8519, 42.5527, 36.8430

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.8639, 41.2042, 41.5549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8519, 42.5527, 36.8430 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(161, 180, 154)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 154)  
}
```

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(161, 180, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 154) }
```

Border

The CSS property to change the border of an element to XYZ 36.8519, 42.5527, 36.8430 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(161, 180, 154) }
```


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

```
.border{ border-color:rgb(161, 180, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 180, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 154);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8519, 42.5527, 36.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 154) }
```

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

```
.background{ background-color: rgb(161,  
180, 154) }
```

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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