

Converting Colors

XYZ(36.0034, 42.6321, 27.1001)

Have a look what the booklet for
XYZ(36.0034, 42.6321, 27.1001)
contains.

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Color

**XYZ(36.0034, 42.6321,
27.1001)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B581
RGB	165, 181, 129
RGB Percent	65%, 71%, 51%
CMY	0.3529, 0.2902, 0.4941
CMYK	0.09, 0.00, 0.29, 0.29
HSL	78°, 26%, 61%
HSV	78°, 29%, 71%
XYZ	36.0034, 42.6321, 27.1001
YIQ	170.2880, 7.1560, -19.5640

Conversions

Conversions Part 2

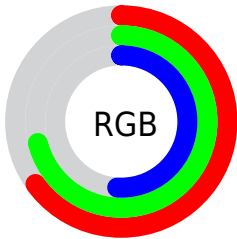
Format	Color
R_{YB}	129, 181, 145
Decimal	10859905
CIE _{Lab}	71.30, -14.54, 24.72
CIE _{LCh}	71, 28.678, 120.460
Yxy	42.6321, 0.3405, 0.4032
Android (android.graphics.Color)	4289049985 (0xFFA5B581)
YUV	170.2880, -20.3550, -4.6376
Hunter-Lab	65.2933, -15.8364, 21.0968

Details

The XYZ color **36.0034, 42.6321, 27.1001** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.8695, 25.0576, 47.0862**, and the grayscale version is **38.4491, 40.4514, 44.0516**.

A 20% lighter version of the original color is **68.2429, 79.1614, 55.9389**, and **15.9405, 19.5136, 10.3235** is the 20% darker color. If you saturate the color by 10%, you get **33.7721, 41.6101, 21.2620**, and if you desaturate by 10%, it is **38.5005, 43.7692, 34.0649**.

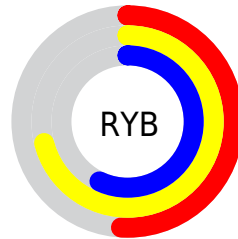
Distribution



Red (65%)

Green (71%)

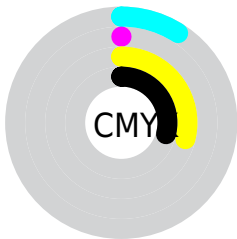
Blue (51%)



Red (51%)

Yellow (71%)

Blue (57%)

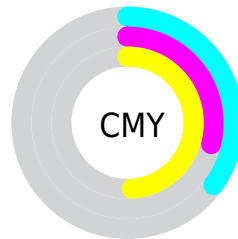


Cyan (9%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (35%)


Magenta (29%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0034, 42.6321, 27.1001 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 36.0034, 42.6321, 27.1001 by changing the saturation by 10% instead.


 36.0034, 42.6321,
27.1001


 36.0034, 42.6321,
27.1001


320.4064,
357.0966, 301.9170


 24.6069, 29.5966,
17.4153


 68.3611, 79.1554,
56.0501

 15.9116, 19.5326,
10.3660


 90.0532, 103.4119,
76.1525

 9.5521, 12.0557,
5.5335


 115.9077,
132.1776, 100.5644

 5.1630, 6.7816,
2.4994

146.2902,
165.8368, 129.7045

 2.3789, 3.3259,
0.8398

181.5659,
204.7739, 163.9912

 0.8346, 1.3042,
0.0000

222.1003,

 0.0000, 0.1444,

249.3733, 203.8432

0.0000

268.2587,
300.0194, 249.6789

0.0000, 0.0000,
0.0000

36.0034, 42.6321,
27.1001

36.0034, 42.6321,
27.1001

33.7721, 41.6101,
21.2620

38.5005, 43.7692,
34.0649

31.7915, 40.6926,
16.4886

41.2713, 45.0202,
42.2086

30.0496, 39.8764,
12.7161


44.3270, 46.3911,
51.5834


28.5324, 39.1556,
9.8727


47.6776, 47.8861,
62.2376

27.2236, 38.5236,
7.8772


51.3322, 49.5088,
74.2168


 26.1044, 37.9731,
6.6343

 55.2998, 51.2628,
87.5646

 25.1426, 37.4908,
5.9773

 59.4749, 53.1061,
101.7236

 25.0261, 37.4321,
5.9061

 61.0292, 53.9073,
101.7963

 62.6387, 54.7370,
101.8716

Harmonies

Analogous

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



40.4461, 42.6321, 24.6224



36.0034, 42.6321, 27.1001



32.9834, 42.6321, 34.5289

Triad

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



36.0034, 42.6321, 27.1001



36.1227, 42.6321, 73.5386



50.5079, 42.6321, 46.2062

Complementary

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



36.0034, 42.6321, 27.1001



27.8695, 25.0576, 47.0862

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.



49.1263, 42.6321, 60.7665



36.0034, 42.6321, 27.1001



40.5950, 42.6321, 78.3243

Square

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



36.0034, 42.6321, 27.1001



33.0484, 42.6321, 61.2095



45.4005, 42.6321, 73.2493



49.0417, 42.6321, 34.2266

Rectangle

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



36.0034, 42.6321, 27.1001



32.0542, 42.6321, 42.1596



45.4005, 42.6321, 73.2493



50.3600, 42.6321, 50.9563

Sweetspot

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



36.0045, 42.6340, 27.1010



73.6933, 80.5274, 74.9340



33.0844, 31.5389, 25.1133



15.7677, 17.3327, 15.7172



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.



36.0045, 42.6340, 27.1010



62.0898, 75.2582, 42.1920



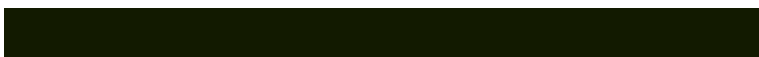
31.2021, 40.1583, 26.8763



8.9375, 9.7729, 9.0678



17.3248, 25.8414, 4.0748



0.6014, 0.8421, 0.1308

Inverse Universe

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



27.8695, 25.0576, 47.0862



45.3109, 38.9927, 83.4328



32.8999, 27.6509, 47.3216



8.2798, 8.3528, 10.6822



6.9260, 2.9063, 30.3329



0.2791, 0.1230, 0.9573

Previews

White Background



This preview shows how the XYZ color 36.0034, 42.6321, 27.1001 looks on a white background.

Color Contrast Check

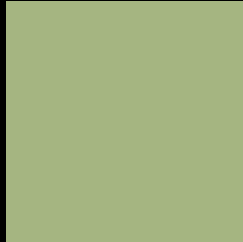
Large Text (above 18pt) WCAG AA × Fail

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 36.0034, 42.6321, 27.1001 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 36.0034, 42.6321, 27.1001

Background



This preview shows how black text looks on a background with the XYZ color 36.0034, 42.6321, 27.1001.



This preview shows how white text looks on a background with the XYZ color 36.0034, 42.6321,

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

36.0034, 42.6321, 27.1001

Protanopia

39.6410, 42.4698, 25.8469

Deuteranopia

43.1604, 42.2825, 27.7163



Tritanopia

41.1468, 42.3592, 53.0212

Trichromacy



Original Color

36.0034, 42.6321, 27.1001

Protanomaly

38.3753, 42.6799, 26.2941

Deuteranomaly

40.0845, 42.0909, 27.4844

Tritanomaly

38.9858, 42.3499, 42.1960

Monochromacy



Original Color

36.0034, 42.6321, 27.1001

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.2009, 40.9635, 36.9564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0034, 42.6321, 27.1001 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(165, 181, 129)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 129)  
}
```

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(165, 181, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 129) }
```

Border

The CSS property to change the border of an element to XYZ 36.0034, 42.6321, 27.1001 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(165, 181, 129) }
```


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

```
.border{ border-color:rgb(165, 181, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 181, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 181, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 181, 129); box-shadow:4px 4px 4px 4px rgb(165, 181, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0034, 42.6321, 27.1001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 129) }
```

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

```
.background{ background-color: rgb(165,  
181, 129) }
```

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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