

Converting Colors

XYZ(40.2724, 47.1516, 30.9289)

Have a look what the booklet for
XYZ(40.2724, 47.1516, 30.9289)
contains.

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Color

**XYZ(40.4642, 47.3441,
31.0504)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AFBD8A |
| RGB | 175, 189, 138 |
| RGB Percent | 69%, 74%, 54% |
| CMY | 0.3137, 0.2588, 0.4588 |
| CMYK | 0.07, 0.00, 0.27, 0.26 |
| HSL | 76°, 28%, 64% |
| HSV | 76°, 27%, 74% |
| XYZ | 40.4642, 47.3441, 31.0504 |
| YIQ | 179.0000, 8.0270, -18.8290 |

Conversions

Conversions Part 2

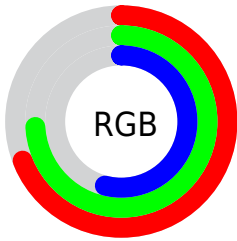
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 138, 189, 152 |
| Decimal | 11517322 |
| CIE Lab | 74.41, -13.56, 24.23 |
| CIE LCh | 74, 27.769, 119.223 |
| Yxy | 47.3441, 0.3404, 0.3983 |
| Android (android.graphics.Color) | 4289707402 (0xFFAFBD8A) |
| YUV | 179.0000, -20.2130, -3.5080 |
| Hunter-Lab | 68.8070, -15.4397, 21.4093 |

Details

The XYZ color **40.4642, 47.3441, 31.0504** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.2246, 28.5278, 52.0074**, and the grayscale version is **42.9501, 45.1868, 49.2085**.

A 20% lighter version of the original color is **75.1218, 86.0995, 62.5287**, and **18.5917, 22.4505, 12.5860** is the 20% darker color. If you saturate the color by 10%, you get **38.0711, 46.2565, 24.4065**, and if you desaturate by 10%, it is **43.1427, 48.5543, 38.9526**.

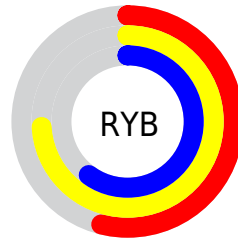
Distribution



Red (69%)

Green (74%)

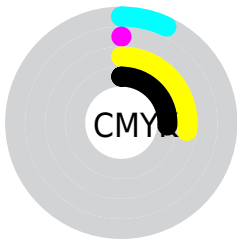
Blue (54%)



Red (54%)

Yellow (74%)

Blue (60%)

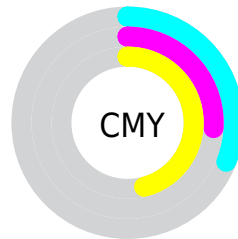


Cyan (7%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (31%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4642, 47.3441, 31.0504 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 40.4642, 47.3441, 31.0504 by changing the saturation by 10% instead.

■ 40.4642, 47.3441,
31.0504

■ 40.4642, 47.3441,
31.0504

339.1772,
376.1864, 321.1288

■ 28.0865, 33.3078,
20.3784

■ 75.1497, 86.2270,
62.3999

■ 18.5316, 22.3623,
12.4836

■ 98.1882, 111.8424,
83.9146

■ 11.4343, 14.1234,
6.9474

■ 125.5110,
142.0863, 109.8805

■ 6.4292, 8.2065,
3.3513

157.4835,
177.3430, 140.7163

■ 3.1509, 4.2274,
1.2767

194.4710,
217.9969, 176.8405

■ 1.2341, 1.8016,
0.0426

236.8389,

■ 0.1330, 0.4881,

264.4326, 218.6716

0.0000

284.9525,
317.0342, 266.6282

■ 0.0000, 0.0000,
0.0000

■ 40.4642, 47.3441,
31.0504

■ 40.4642, 47.3441,
31.0504

■ 38.0711, 46.2565,
24.4065

■ 43.1427, 48.5543,
38.9526

■ 35.9469, 45.2799,
18.9529

■ 46.1148, 49.8855,
48.1704

■ 34.0788, 44.4109,
14.6198

■ 49.3931, 51.3445,
58.7612

■ 32.4516, 43.6431,
11.3288

■ 52.9879, 52.9354,
70.7780

■ 31.0478, 42.9697,
8.9914

■ 56.9094, 54.6624,
84.2713

■ 29.8473, 42.3825,
7.5047

■ 61.1670, 56.5294,
99.2889

■ 28.8227, 41.8705,
6.7263

■ 63.2066, 57.5145,
102.3778

■ 28.5328, 41.7247,
6.5498

■ 64.7207, 58.2951,
102.4487

■ 66.2832, 59.1006,
102.5218

Harmonies

Analogous

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



45.1297, 47.3441, 28.6178



40.4642, 47.3441, 31.0504



37.2299, 47.3441, 38.6984

Triad

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



40.4642, 47.3441, 31.0504



40.2541, 47.3441, 79.0275



55.3196, 47.3441, 51.9242

Complementary

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



40.4642, 47.3441, 31.0504



31.2246, 28.5278, 52.0074

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.



53.7804, 47.3441, 66.9711



40.4642, 47.3441, 31.0504



44.8688, 47.3441, 84.2956

Square

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



40.4642, 47.3441, 31.0504



37.1151, 47.3441, 66.2036



49.8609, 47.3441, 79.5252



53.9274, 47.3441, 39.2353

Rectangle

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



40.4642, 47.3441, 31.0504



36.1952, 47.3441, 46.5679



49.8609, 47.3441, 79.5252



55.1261, 47.3441, 56.8747

Sweetspot

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



40.4654, 47.3462, 31.0514



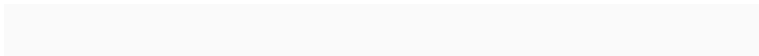
81.9515, 89.0563, 84.2590



36.7388, 34.9821, 28.8613



17.4451, 19.0715, 17.5593



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.



40.4654, 47.3462, 31.0514



70.0386, 83.6883, 48.7620



35.3459, 44.7070, 30.8118



10.0598, 10.9853, 10.1668



19.2733, 28.1116, 4.4103



0.8149, 1.1320, 0.1756

Inverse Universe

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



31.2246, 28.5278, 52.0074



50.9041, 44.7098, 92.1731



36.4297, 31.2111, 52.2510



9.2558, 9.3487, 11.9889



7.1937, 2.9946, 32.5918



0.3473, 0.1511, 1.2797

Previews

White Background



This preview shows how the XYZ color 40.4642, 47.3441, 31.0504 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 40.4642, 47.3441, 31.0504 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

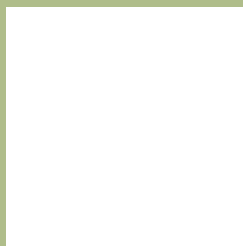
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4642, 47.3441, 31.0504

Background



This preview shows how black text looks on a background with the XYZ color 40.4642, 47.3441, 31.0504.



This preview shows how white text looks on a background with the XYZ color 40.4642, 47.3441,

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

40.4642, 47.3441, 31.0504

Protanopia

44.0716, 47.3520, 29.7387

Deuteranopia

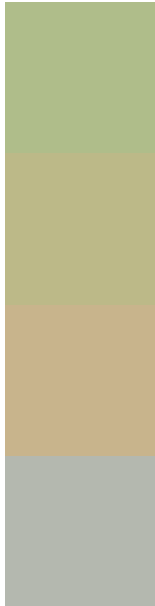
47.8692, 46.8792, 31.7249



Tritanopia

46.0161, 47.1005, 58.8906

Trichromacy



Original Color

40.4642, 47.3441, 31.0504

Protanomaly

42.5319, 47.1669, 30.1550

Deuteranomaly

44.8743, 46.8153, 31.4821

Tritanomaly

43.7007, 47.0794, 47.3414

Monochromacy



Original Color

40.4642, 47.3441, 31.0504

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9944, 46.0123, 41.7899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4642, 47.3441, 31.0504 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(175, 189, 138)` looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 138)  
}
```

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(175, 189, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 138) }
```

Border

The CSS property to change the border of an element to XYZ 40.4642, 47.3441, 31.0504 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(175, 189, 138) }
```


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

```
.border{ border-color:rgb(175, 189, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 189, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 189, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 189, 138);  
box-shadow:4px 4px 4px 4px rgb(175, 189,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4642, 47.3441, 31.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 138) }
```

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

```
.background{ background-color: rgb(175,  
189, 138) }
```

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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