

Converting Colors

XYZ(42.4476, 47.4690, 30.8765)

Have a look what the booklet for
XYZ(42.4476, 47.4690, 30.8765)
contains.

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Color

**XYZ(42.3961, 47.3919,
30.9578)**

Conversions

Conversions Part 1

Format	Color
Hex	BABA8A
RGB	186, 186, 138
RGB Percent	73%, 73%, 54%
CMY	0.2706, 0.2706, 0.4588
CMYK	0.00, 0.00, 0.26, 0.27
HSL	60°, 26%, 64%
HSV	60°, 26%, 73%
XYZ	42.3961, 47.3919, 30.9578
YIQ	180.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

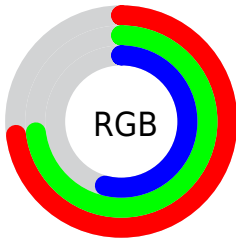
Format	Color
RYB	138, 186, 138
Decimal	12237450
CIELab	74.44, -7.80, 24.42
CIELCh	74, 25.632, 107.705
Yxy	47.3919, 0.3511, 0.3925
Android (android.graphics.Color)	4290427530 (0xFFBABA8A)
YUV	180.5280, -20.9663, 4.7989
Hunter-Lab	68.8418, -10.5442, 21.5268

Details

The XYZ color **42.3961, 47.3919, 30.9578** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.4344, 27.1266, 50.1943**, and the grayscale version is **43.7709, 46.0504, 50.1489**.

A 20% lighter version of the original color is **78.2287, 86.3647, 62.4161**, and **19.6647, 22.3852, 12.5168** is the 20% darker color. If you saturate the color by 10%, you get **41.1633, 46.9004, 24.4625**, and if you desaturate by 10%, it is **43.8620, 47.9800, 38.6698**.

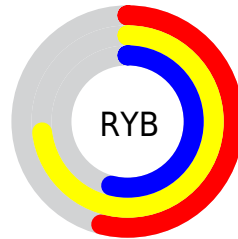
Distribution



Red (73%)

Green (73%)

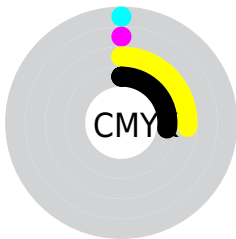
Blue (54%)



Red (54%)

Yellow (73%)

Blue (54%)

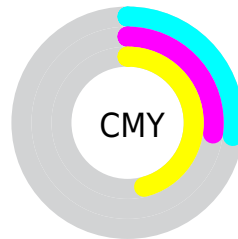


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3961, 47.3919, 30.9578 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 42.3961, 47.3919, 30.9578 by changing the saturation by 10% instead.


 42.3961, 47.3919,
30.9578


 42.3961, 47.3919,
30.9578


347.0861,
376.3767, 320.6890


 29.6040, 33.3456,
20.3085

 78.0602, 86.2983,
62.2524

 19.6848, 22.3913,
12.4332


 101.6629,
111.9272, 83.7348

 12.2731, 14.1447,
6.9133


 129.5998,
142.1857, 109.6654

 7.0035, 8.2214,
3.3303

162.2364,
177.4582, 140.4626

 3.5106, 4.2369,
1.2657

199.9380,
218.1292, 176.5451

 1.4292, 1.8070,
0.0334

243.0699,

 0.2769, 0.4915,

264.5830, 218.3312

0.0000

291.9975,
317.2040, 266.2397

■ 0.0000, 0.0000,
0.0000

■ 42.3961, 47.3919,
30.9578

■ 42.3961, 47.3919,
30.9578

■ 41.1633, 46.9004,
24.4625

■ 43.8620, 47.9800,
38.6698

■ 40.1482, 46.4943,
19.1191

■ 45.5683, 48.6625,
47.6530

■ 39.3392, 46.1706,
14.8611


■ 47.5264, 49.4458,
57.9622


■ 38.7222, 45.9238,
11.6143


■ 49.7460, 50.3337,
69.6481


■ 38.2814, 45.7474,
9.2951


■ 52.2361, 51.3298,
82.7589


 37.9983, 45.6341,
7.8064


 55.0055, 52.4376,
97.3401

 37.8497, 45.5747,
7.0258

 55.8625, 52.7804,
101.8511

 37.8068, 45.5575,
6.8008

 55.8629, 52.7806,
101.8511

 55.8633, 52.7808,
101.8511

Harmonies

Analogous

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



46.9634, 47.3919, 30.5178



42.3961, 47.3919, 30.9578



38.7866, 47.3919, 36.3015

Triad

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



42.3961, 47.3919, 30.9578



39.3258, 47.3919, 72.8061



54.2959, 47.3919, 57.2127

Complementary

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



42.3961, 47.3919, 30.9578



28.4344, 27.1266, 50.1943

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.



51.9419, 47.3919, 70.6907



42.3961, 47.3919, 30.9578



43.1788, 47.3919, 80.6724

Square

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



42.3961, 47.3919, 30.9578



37.0991, 47.3919, 59.7338



47.8011, 47.3919, 79.8381



54.0505, 47.3919, 44.2434

Rectangle

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



42.3961, 47.3919, 30.9578



37.3134, 47.3919, 42.5371



47.8011, 47.3919, 79.8381



53.7760, 47.3919, 61.8705

Sweetspot

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



42.3973, 47.3940, 30.9588



81.8316, 87.8951, 82.3726



33.9272, 30.4522, 28.1351



17.9146, 19.3135, 17.5813



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.



42.3973, 47.3940, 30.9588



75.5173, 85.3692, 49.1309



37.0484, 44.6366, 30.7085



9.7501, 10.5033, 9.6204



25.4338, 30.6479, 4.5751



0.8966, 1.0804, 0.1613

Inverse Universe

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



28.4344, 27.1266, 50.1943



45.8813, 42.3520, 89.9580



32.8531, 29.4046, 50.4011



8.5212, 8.7195, 11.3134



5.9629, 2.3852, 31.3992



0.2102, 0.0841, 1.1069

Previews

White Background



This preview shows how the XYZ color 42.3961, 47.3919, 30.9578 looks on a white background.

Color Contrast Check

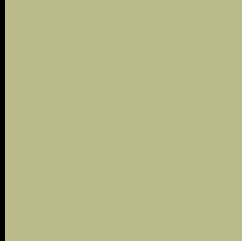
Large Text (above 18pt) WCAG AA × Fail

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 42.3961, 47.3919, 30.9578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

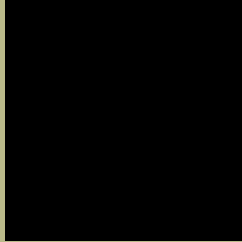
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3961, 47.3919, 30.9578

Background



This preview shows how black text looks on a background with the XYZ color 42.3961, 47.3919, 30.9578.



This preview shows how white text looks on a background with the XYZ color 42.3961, 47.3919,

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

42.3961, 47.3919, 30.9578

Protanopia

44.2138, 47.4089, 30.4874

Deuteranopia

48.2833, 47.3912, 31.4136



Tritanopia

47.7381, 47.4279, 57.0905

Trichromacy



Original Color

42.3961, 47.3919, 30.9578

Protanomaly

43.3941, 47.2936, 30.5084

Deuteranomaly

45.8833, 47.3440, 31.1461

Tritanomaly

45.5060, 47.4202, 46.2897

Monochromacy



Original Color

42.3961, 47.3919, 30.9578

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.2535, 46.6509, 42.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3961, 47.3919, 30.9578 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(186, 186, 138)` looks like.

```
.text, #text, p{  
    color:rgb(186, 186, 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(186, 186, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 186, 138) }
```

Border

The CSS property to change the border of an element to XYZ 42.3961, 47.3919, 30.9578 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(186, 186, 138) }
```


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

```
.border{ border-color:rgb(186, 186, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 186, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 186, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 186, 138);  
box-shadow:4px 4px 4px 4px rgb(186, 186,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3961, 47.3919, 30.9578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 186, 138) }
```

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

```
.background{ background-color: rgb(186,  
186, 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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