

Converting Colors

XYZ(44.8461, 47.1562, 42.8148)

Have a look what the booklet for
XYZ(44.8461, 47.1562, 42.8148)
contains.

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Color

**XYZ(44.8461, 47.1562,
42.8148)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB6A6
RGB	190, 182, 166
RGB Percent	75%, 71%, 65%
CMY	0.2549, 0.2863, 0.3490
CMYK	0.00, 0.04, 0.13, 0.25
HSL	40°, 16%, 70%
HSV	40°, 13%, 75%
XYZ	44.8461, 47.1562, 42.8148
YIQ	182.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

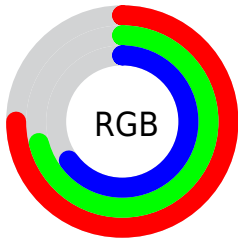
Format	Color
RYB	178, 190, 166
Decimal	12498598
CIELab	74.29, 0.07, 9.15
CIELCh	74, 9.148, 89.537
Yxy	47.1562, 0.3326, 0.3498
Android (android.graphics.Color)	4290688678 (0xFFBEB6A6)
YUV	182.5680, -8.1680, 6.5179
Hunter-Lab	68.6704, -3.6014, 11.1030

Details

The XYZ color **44.8461, 47.1562, 42.8148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.1561, 42.0961, 54.7246**, and the grayscale version is **44.8138, 47.1476, 51.3437**.

A 20% lighter version of the original color is **81.6317, 85.9624, 80.6966**, and **21.2040, 22.2338, 19.0936** is the 20% darker color. If you saturate the color by 10%, you get **41.9635, 43.9769, 33.8810**, and if you desaturate by 10%, it is **48.0474, 50.5599, 53.1264**.

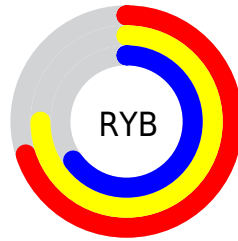
Distribution



Red (75%)

Green (71%)

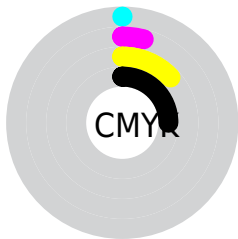
Blue (65%)



Red (70%)

Yellow (75%)

Blue (65%)

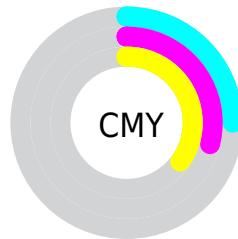


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8461, 47.1562, 42.8148 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 44.8461, 47.1562, 42.8148 by changing the saturation by 10% instead.


 44.8461, 47.1562,
42.8148


 44.8461, 47.1562,
42.8148


356.9441,
375.4377, 373.7484

 31.5370, 33.1592,
29.4095


 81.7279, 85.9467,
80.7147

 21.1619, 22.2484,
19.1426


 106.0313,
111.5090, 106.0463

 13.3555, 14.0395,
11.5955


134.7302,
141.6952, 136.1905

 7.7525, 8.1482,
6.3497

168.1899,
176.8896, 171.5658

 3.9875, 4.1899,
2.9867

206.7758,
217.4766, 212.5907

 1.6950, 1.7804,
1.0878

250.8532,

 0.4532, 0.4749,

263.8407, 259.6837

0.0000

300.7875,
316.3663, 313.2634

■ 0.0000, 0.0000,
0.0000

■ 44.8461, 47.1562,
42.8148

■ 44.8461, 47.1562,
42.8148

■ 41.9635, 43.9769,
33.8810

■ 48.0474, 50.5599,
53.1264

■ 39.3838, 41.0097,
26.2624

■ 51.5750, 54.1875,
64.8687

■ 37.0953, 38.2504,
19.8963

■ 55.4407, 58.0466,
78.0953

■ 35.0843, 35.6921,
14.7132

■ 59.6548, 62.1423,
92.8563

■ 33.3354, 33.3274,
10.6373

■ 63.2453, 66.0871,
104.0304

■ 31.8318, 31.1482,
7.5834

■ 64.8754, 69.3473,
104.5738

■ 30.5541, 29.1455,
5.4542

■ 66.5684, 72.7333,
105.1381

■ 29.4795, 27.3085,
4.1328

■ 68.3250, 76.2465,
105.7237

■ 28.7855, 26.0475,
3.5105

■ 70.1459, 79.8882,
106.3306

Harmonies

Analogous

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



46.4422, 47.1562, 43.9311



44.8461, 47.1562, 42.8148



43.2803, 47.1562, 43.8652

Triad

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



44.8461, 47.1562, 42.8148



42.1265, 47.1562, 55.9382



47.6005, 47.1562, 56.0724

Complementary

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



44.8461, 47.1562, 42.8148



40.1561, 42.0961, 54.7246

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.



46.3969, 47.1562, 59.6303



44.8461, 47.1562, 42.8148



43.2371, 47.1562, 59.5495

Square

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



44.8461, 47.1562, 42.8148



41.7336, 47.1562, 51.2720



44.7950, 47.1562, 60.9392



48.0561, 47.1562, 51.4183

Rectangle

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



44.8461, 47.1562, 42.8148



42.4585, 47.1562, 45.6919



44.7950, 47.1562, 60.9392



47.2686, 47.1562, 57.4464

Sweetspot

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



44.8474, 47.1583, 42.8158



86.2009, 90.7125, 93.4365



42.5120, 41.2762, 45.7715



18.8287, 19.8143, 20.1914



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.8474, 47.1583, 42.8158



79.8500, 83.9131, 73.1229



45.5466, 50.0197, 43.3313



10.0471, 10.5703, 10.0874



19.2151, 17.4689, 2.3591



0.8105, 0.7998, 0.1117

Inverse Universe

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



40.1561, 42.0961, 54.7246



69.7749, 73.0419, 98.7001



39.5087, 39.5369, 54.2648



9.2693, 9.7308, 12.0619



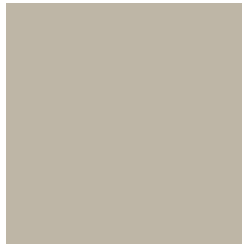
7.4386, 4.9889, 32.9638



0.3527, 0.3182, 1.3117

Previews

White Background



This preview shows how the XYZ color 44.8461, 47.1562, 42.8148 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 44.8461, 47.1562, 42.8148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

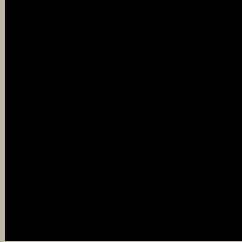
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8461, 47.1562, 42.8148

Background



This preview shows how black text looks on a background with the XYZ color 44.8461, 47.1562, 42.8148.



This preview shows how white text looks on a background with the XYZ color 44.8461, 47.1562,

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

44.8461, 47.1562, 42.8148

Protanopia

44.8461, 47.1562, 42.8148

Deuteranopia

47.9540, 46.9625, 43.0964



Tritanopia

47.6830, 47.1159, 56.4503

Trichromacy



Original Color

44.8461, 47.1562, 42.8148

Protanomaly

44.8461, 47.1562, 42.8148

Deuteranomaly

46.7149, 46.9102, 43.1516

Tritanomaly

46.6597, 46.9966, 51.4118

Monochromacy



Original Color

44.8461, 47.1562, 42.8148

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.1190, 47.4804, 48.3816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8461, 47.1562, 42.8148 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(190, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 166)  
}
```

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(190, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 166) }
```

Border

The CSS property to change the border of an element to XYZ 44.8461, 47.1562, 42.8148 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(190, 182, 166) }
```


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

```
.border{ border-color:rgb(190, 182, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8461, 47.1562, 42.8148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 166) }
```

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

```
.background{ background-color: rgb(190,  
182, 166) }
```

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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