

Converting Colors

XYZ(47.1304, 49.6288, 41.1228)

Have a look what the booklet for
XYZ(47.1304, 49.6288, 41.1228)
contains.

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Color

**XYZ(47.1065, 49.5968,
41.2728)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BAA2
RGB	197, 186, 162
RGB Percent	77%, 73%, 64%
CMY	0.2274, 0.2706, 0.3647
CMYK	0.00, 0.06, 0.18, 0.23
HSL	41°, 23%, 70%
HSV	41°, 18%, 77%
XYZ	47.1065, 49.5968, 41.2728
YIQ	186.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

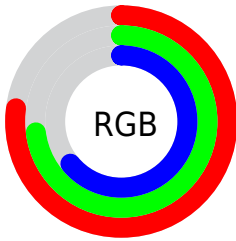
Format	Color
RYB	178, 197, 162
Decimal	12958370
CIELab	75.82, -0.09, 13.57
CIELCh	76, 13.569, 90.399
Yxy	49.5968, 0.3414, 0.3595
Android (android.graphics.Color)	4291148450 (0xFFC5BAA2)
YUV	186.5530, -12.1046, 9.1620
Hunter-Lab	70.4250, -3.8471, 14.5504

Details

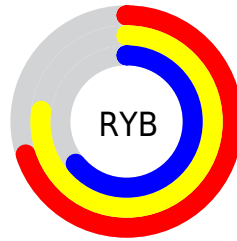
The XYZ color **47.1065, 49.5968, 41.2728** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.9218, 41.5989, 58.7491**, and the grayscale version is **47.0438, 49.4938, 53.8987**.

A 20% lighter version of the original color is **85.1496, 89.5848, 78.4494**, and **22.5297, 23.7405, 18.1468** is the 20% darker color. If you saturate the color by 10%, you get **44.2154, 46.4007, 32.3358**, and if you desaturate by 10%, it is **50.3311, 53.0201, 51.6756**.

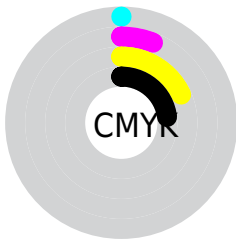
Distribution



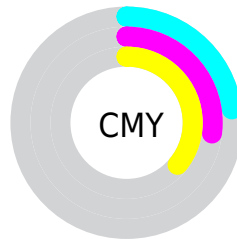
- Red (77%)
- Green (73%)
- Blue (64%)



- Red (70%)
- Yellow (77%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (23%)





- Cyan (23%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1065, 49.5968, 41.2728 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 47.1065, 49.5968, 41.2728 by changing the saturation by 10% instead.


 47.1065, 49.5968,
41.2728


 47.1065, 49.5968,
41.2728


365.8813,
385.0871, 367.1698

 33.3282, 35.0931,
28.2110


 85.0903, 89.5772,
78.3560

 22.5384, 23.7346,
18.2443

 110.0266,
115.8227, 103.2145

 14.3718, 15.1369,
10.9543


139.4128,
146.7510, 132.8423

 8.4632, 8.9155,
5.9223

173.6143,
182.7463, 167.6579

 4.4470, 4.6861,
2.7299

212.9966,
224.1932, 208.0800

 1.9580, 2.0643,
0.9584

257.9250,

 0.6102, 0.6444,

271.4761, 254.5269

0.0000

308.7647,
324.9792, 307.4174

■ 0.0000, 0.0000,
0.0000

■ 47.1065, 49.5968,
41.2728

■ 47.1065, 49.5968,
41.2728

■ 44.2154, 46.4007,
32.3358

■ 50.3311, 53.0201,
51.6756

■ 41.6404, 43.4185,
24.7943

■ 53.8979, 56.6701,
63.6041

■ 39.3684, 40.6457,
18.5765

■ 57.8201, 60.5547,
77.1185

■ 37.3835, 38.0746,
13.6032

■ 62.1089, 64.6797,
92.2749

■ 35.6686, 35.6972,
9.7867

■ 65.8764, 68.6909,
104.3943

■ 34.2039, 33.5045,
7.0276

■ 67.5013, 71.9407,
104.9360

■ 32.9666, 31.4859,
5.2095

■ 69.1867, 75.3115,
105.4978

■ 31.9238, 29.6271,
4.1624

■ 70.9332, 78.8045,
106.0800

■ 31.7053, 29.2287,
3.9707

■ 72.7414, 82.4209,
106.6827

Harmonies

Analogous

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



49.5761, 49.5968, 42.8061



47.1065, 49.5968, 41.2728



44.7291, 49.5968, 42.8890

Triad

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



47.1065, 49.5968, 41.2728



43.0807, 49.5968, 61.3384



51.4830, 49.5968, 61.1561

Complementary

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



47.1065, 49.5968, 41.2728



39.9218, 41.5989, 58.7491

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.



49.6366, 49.5968, 66.8869



47.1065, 49.5968, 41.2728



44.7856, 49.5968, 66.9985

Square

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



47.1065, 49.5968, 41.2728



42.4561, 49.5968, 54.0993



47.1741, 49.5968, 69.1125



52.1569, 49.5968, 53.9058

Rectangle

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



47.1065, 49.5968, 41.2728



43.5022, 49.5968, 45.6257



47.1741, 49.5968, 69.1125



50.9757, 49.5968, 63.3465

Sweetspot

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



47.1078, 49.5990, 41.2739



91.8000, 96.6766, 98.0235



43.4978, 40.7320, 45.1476



19.5540, 20.5946, 20.6662



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.1078, 49.5990, 41.2739



82.4615, 86.7499, 67.9345



47.8696, 53.5641, 41.9990



11.2320, 11.8331, 11.2548



20.9314, 19.3799, 2.6375



1.0538, 1.0431, 0.1458

Inverse Universe

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



39.9218, 41.5989, 58.7491



67.4011, 69.9850, 104.5638



39.2363, 38.2432, 58.1375



10.3241, 10.8222, 13.4622



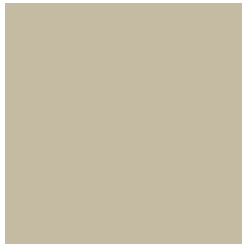
7.8246, 5.0431, 35.3054



0.4360, 0.3699, 1.6936

Previews

White Background



This preview shows how the XYZ color 47.1065, 49.5968, 41.2728 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 47.1065, 49.5968, 41.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

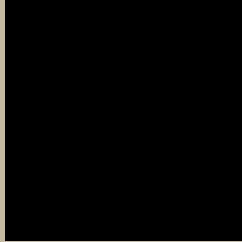
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1065, 49.5968, 41.2728

Background



This preview shows how black text looks on a background with the XYZ color 47.1065, 49.5968, 41.2728.

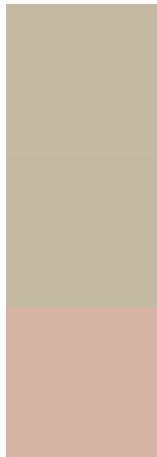


This preview shows how white text looks on a background with the XYZ color 47.1065, 49.5968,

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

47.1065, 49.5968, 41.2728

Protanopia

46.8454, 49.4622, 41.2606

Deuteranopia

50.3727, 49.4330, 41.5369



Tritanopia

50.4616, 49.4054, 58.5063

Trichromacy



Original Color

47.1065, 49.5968, 41.2728

Protanomaly

46.8454, 49.4622, 41.2606

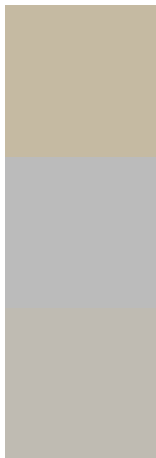
Deuteranomaly

49.0709, 49.3656, 41.5925

Tritanomaly

49.3001, 49.5652, 51.7684

Monochromacy



Original Color

47.1065, 49.5968, 41.2728

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2921, 49.8314, 49.2453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1065, 49.5968, 41.2728 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(197, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 162)  
}
```

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(197, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 162) }
```

Border

The CSS property to change the border of an element to XYZ 47.1065, 49.5968, 41.2728 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(197, 186, 162) }
```


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

```
.border{ border-color:rgb(197, 186, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1065, 49.5968, 41.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 162) }
```

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

```
.background{ background-color: rgb(197,  
186, 162) }
```

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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