

Converting Colors

XYZ(45.8207, 47.9471, 41.3130)

Have a look what the booklet for
XYZ(45.8207, 47.9471, 41.3130)
contains.

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Color

**XYZ(45.7925, 47.9807,
41.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B7A3
RGB	194, 183, 163
RGB Percent	76%, 72%, 64%
CMY	0.2392, 0.2823, 0.3608
CMYK	0.00, 0.06, 0.16, 0.24
HSL	39°, 20%, 70%
HSV	39°, 16%, 76%
XYZ	45.7925, 47.9807, 41.4980
YIQ	184.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

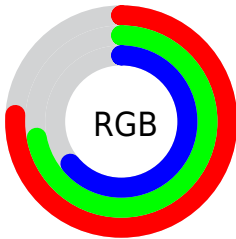
Format	Color
RYB	180, 194, 163
Decimal	12760995
CIELab	74.81, 0.54, 11.57
CIELCh	75, 11.580, 87.337
Yxy	47.9807, 0.3385, 0.3547
Android (android.graphics.Color)	4290951075 (0xFFC2B7A3)
YUV	184.0090, -10.3574, 8.7621
Hunter-Lab	69.2681, -3.2145, 12.9675

Details

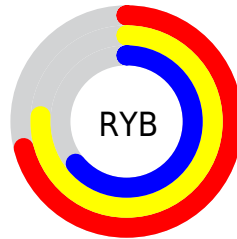
The XYZ color **45.7925, 47.9807, 41.4980** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.9777, 41.9527, 57.0299**, and the grayscale version is **45.6164, 47.9920, 52.2633**.

A 20% lighter version of the original color is **83.3051, 87.3042, 78.7904**, and **21.6671, 22.6884, 18.2762** is the 20% darker color. If you saturate the color by 10%, you get **42.8015, 44.5700, 32.5731**, and if you desaturate by 10%, it is **49.1222, 51.6411, 51.8525**.

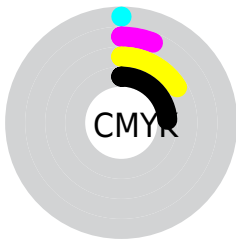
Distribution



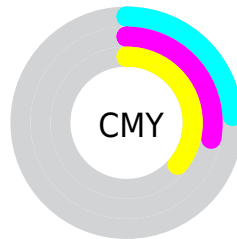
- Red (76%)
- Green (72%)
- Blue (64%)



- Red (71%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7925, 47.9807, 41.4980 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 45.7925, 47.9807, 41.4980 by changing the saturation by 10% instead.


 45.7925, 47.9807,
41.4980


 45.7925, 47.9807,
41.4980


360.7037,
378.7156, 368.1358

 32.2860, 33.8116,
28.3858


 83.1381, 87.1757,
78.7012

 21.7367, 22.7489,
18.3751


 107.7080,
112.9703, 103.6292

 13.7791, 14.4082,
11.0474


136.6964,
143.4090, 133.3329

 8.0478, 8.4051,
5.9842

170.4687,
178.8760, 168.2309

 4.1776, 4.3553,
2.7668

209.3902,
219.7558, 208.7416

 1.8031, 1.8742,
0.9768

253.8263,

 0.5195, 0.5328,

266.4327, 255.2836

0.0000

304.1424,
319.2912, 308.2755

■ 0.0000, 0.0000,
0.0000

■ 45.7925, 47.9807,
41.4980

■ 45.7925, 47.9807,
41.4980

■ 42.8015, 44.5700,
32.5731

■ 49.1222, 51.6411,
51.8525

■ 40.1322, 41.3959,
25.0106

■ 52.7990, 55.5514,
63.6937

■ 37.7719, 38.4532,
18.7425

■ 56.8359, 59.7197,
77.0790

■ 35.7053, 35.7343,
13.6937

■ 61.2438, 64.1520,
92.0622

■ 33.9157, 33.2307,
9.7811

■ 65.2174, 68.5277,
104.3976

■ 32.3843, 30.9333,
6.9112

■ 67.0328, 72.1584,
105.0027

■ 31.0895, 28.8315,
4.9756

■ 68.9231, 75.9390,
105.6328

■ 30.0042, 26.9129,
3.8373

■ 70.8891, 79.8710,
106.2881

■ 29.6056, 26.1841,
3.4936

■ 72.9317, 83.9562,
106.9690

Harmonies

Analogous

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



47.8237, 47.9807, 43.0792



45.7925, 47.9807, 41.4980



43.7706, 47.9807, 42.6074

Triad

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



45.7925, 47.9807, 41.4980



42.1024, 47.9807, 57.7490



49.0972, 47.9807, 58.7518

Complementary

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



45.7925, 47.9807, 41.4980



39.9777, 41.9527, 57.0299

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.



47.4883, 47.9807, 63.2313



45.7925, 47.9807, 41.4980



43.4545, 47.9807, 62.6217

Square

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



45.7925, 47.9807, 41.4980



41.6794, 47.9807, 51.7062



45.4164, 47.9807, 64.6986



49.7680, 47.9807, 52.7832

Rectangle

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



45.7925, 47.9807, 41.4980



42.6921, 47.9807, 44.7745



45.4164, 47.9807, 64.6986



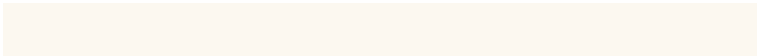
48.6458, 47.9807, 60.4986

Sweetspot

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



45.7938, 47.9828, 41.4990



89.5696, 94.1786, 95.7612



43.0216, 40.7347, 45.8277



19.5147, 20.5162, 20.6531



0.0000, 0.0000, 0.0000



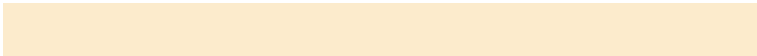
20.3446, 21.4041, 23.3091

Same Dimension

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



45.7938, 47.9828, 41.4990



81.0987, 84.8293, 69.5312



47.1050, 52.1583, 42.2359



10.6031, 11.1377, 10.6528



19.5443, 17.3743, 2.3235



0.9074, 0.8766, 0.1214

Inverse Universe

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



39.9777, 41.9527, 57.0299



68.6652, 71.9392, 102.7364



38.7999, 38.3201, 56.3909



9.8141, 10.3195, 12.7594



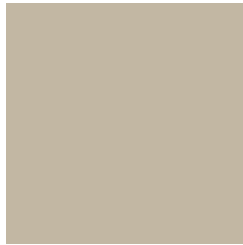
7.8645, 5.4855, 34.2009



0.4052, 0.3678, 1.4995

Previews

White Background



This preview shows how the XYZ color 45.7925, 47.9807, 41.4980 looks on a white background.

Color Contrast Check

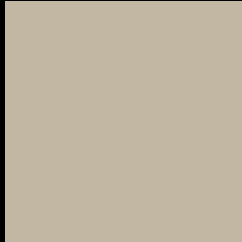
Large Text (above 18pt) WCAG AA × Fail

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 45.7925, 47.9807, 41.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

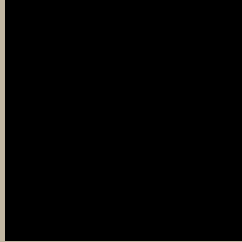
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

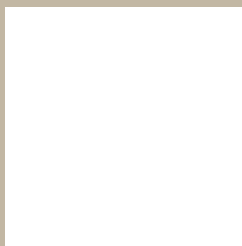
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.7925, 47.9807, 41.4980

Background



This preview shows how black text looks on a background with the XYZ color 45.7925, 47.9807, 41.4980.



This preview shows how white text looks on a background with the XYZ color 45.7925, 47.9807,

41.4980.

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

45.7925, 47.9807, 41.4980

Protanopia

45.4896, 48.1318, 41.5431

Deuteranopia

48.7175, 47.6799, 41.7574



Tritanopia

49.0344, 48.0962, 57.1512

Trichromacy



Original Color

45.7925, 47.9807, 41.4980

Protanomaly

45.7437, 48.2628, 41.5550

Deuteranomaly

47.7228, 47.7579, 41.8249

Tritanomaly

47.7907, 47.8902, 50.9809

Monochromacy



Original Color

45.7925, 47.9807, 41.4980

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.7160, 48.1069, 47.9504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7925, 47.9807, 41.4980 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(194, 183, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 163)  
}
```

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(194, 183, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 163) }
```

Border

The CSS property to change the border of an element to XYZ 45.7925, 47.9807, 41.4980 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(194, 183, 163) }
```


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

```
.border{ border-color:rgb(194, 183, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7925, 47.9807, 41.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 163) }
```

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

```
.background{ background-color: rgb(194,  
183, 163) }
```

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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