

Converting Colors

XYZ(45.2968, 46.9874, 41.3331)

Have a look what the booklet for
XYZ(45.2968, 46.9874, 41.3331)
contains.

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Color

**XYZ(45.3829, 47.1614,
41.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B5A3
RGB	194, 181, 163
RGB Percent	76%, 71%, 64%
CMY	0.2392, 0.2902, 0.3608
CMYK	0.00, 0.07, 0.16, 0.24
HSL	35°, 20%, 70%
HSV	35°, 16%, 76%
XYZ	45.3829, 47.1614, 41.3615
YIQ	182.8350, 13.5260, -2.8420

Conversions

Conversions Part 2

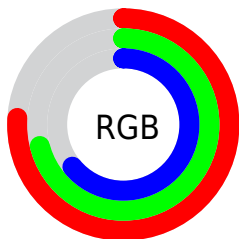
Format	Color
RYB	185, 194, 163
Decimal	12760483
CIELab	74.29, 1.61, 10.83
CIElCh	74, 10.949, 81.563
Yxy	47.1614, 0.3389, 0.3522
Android (android.graphics.Color)	4290950563 (0xFFC2B5A3)
YUV	182.8350, -9.7787, 9.7917
Hunter-Lab	68.6742, -2.2191, 12.3624

Details

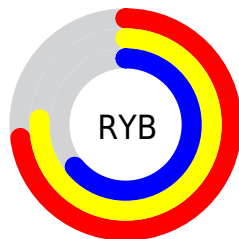
The XYZ color **45.3829, 47.1614, 41.3615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.3671, 42.7315, 57.1599**, and the grayscale version is **44.9671, 47.3089, 51.5193**.

A 20% lighter version of the original color is **82.7227, 86.1396, 78.5963**, and **21.4036, 22.1615, 18.1884** is the 20% darker color. If you saturate the color by 10%, you get **42.1709, 43.3087, 32.3629**, and if you desaturate by 10%, it is **48.9607, 51.3181, 51.7987**.

Distribution



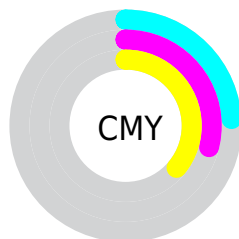
- Red (76%)
- Green (71%)
- Blue (64%)



- Red (73%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3829, 47.1614, 41.3615 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 45.3829, 47.1614, 41.3615 by changing the saturation by 10% instead.


 45.3829, 47.1614,
41.3615


 45.3829, 47.1614,
41.3615

359.0798,
375.4584, 367.5505

 31.9617, 33.1633,
28.2798


 82.5282, 85.9545,
78.4920

 21.4876, 22.2515,
18.2958


 106.9831,
111.5182, 103.3779

 13.5954, 14.0418,
10.9910


135.8465,
141.7060, 133.0356

 7.9196, 8.1498,
5.9467

169.4838,
176.9021, 167.8837

 4.0949, 4.1909,
2.7444

208.2605,
217.4910, 208.3407

 1.7560, 1.7809,
0.9657

252.5418,

 0.4909, 0.4752,

263.8571, 254.8251

0.0000

302.6931,
316.3848, 307.7556

■ 0.0000, 0.0000,
0.0000

■ 45.3829, 47.1614,
41.3615

■ 45.3829, 47.1614,
41.3615

■ 42.1709, 43.3087,
32.3629

■ 48.9607, 51.3181,
51.7987

■ 39.3071, 39.7457,
24.7356

■ 52.9135, 55.7801,
63.7319

■ 36.7782, 36.4657,
18.4113

■ 57.2546, 60.5571,
77.2187

■ 34.5681, 33.4598,
13.3146

■ 61.9959, 65.6561,
92.3130

■ 32.6593, 30.7180,
9.3623

■ 66.3324, 70.7575,
104.7692

■ 31.0325, 28.2296,
6.4606

■ 68.5408, 75.1743,
105.5053

■ 29.6651, 25.9828,
4.5008

■ 70.8548, 79.8023,
106.2767

■ 28.5294, 23.9631,
3.3457

■ 73.2757, 84.6442,
107.0837

■ 28.1165, 23.2057,
2.9973

■ 75.8050, 89.7028,
107.9268

Harmonies

Analogous

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



47.2187, 47.1614, 43.3229



45.3829, 47.1614, 41.3615



43.4494, 47.1614, 41.9189

Triad

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



45.3829, 47.1614, 41.3615



41.3983, 47.1614, 55.4366



47.8546, 47.1614, 58.3851

Complementary

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



45.3829, 47.1614, 41.3615



40.3671, 42.7315, 57.1599

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.



46.2303, 47.1614, 62.1008



45.3829, 47.1614, 41.3615



42.5145, 47.1614, 60.3137

Square

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



45.3829, 47.1614, 41.3615



41.1864, 47.1614, 49.7773



44.2727, 47.1614, 62.8313



48.6729, 47.1614, 52.9570

Rectangle

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



45.3829, 47.1614, 41.3615



42.3621, 47.1614, 43.6629



44.2727, 47.1614, 62.8313



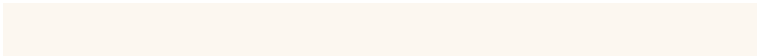
47.3826, 47.1614, 59.8918

Sweetspot

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



45.3842, 47.1635, 41.3625



89.3198, 93.6789, 95.6780



43.2254, 40.8162, 46.9002



19.4525, 20.3917, 20.6324



0.0000, 0.0000, 0.0000



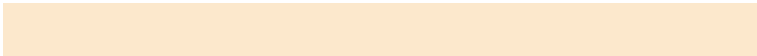
20.3446, 21.4041, 23.3091

Same Dimension

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



45.3842, 47.1635, 41.3625



80.2180, 83.0678, 69.2376



47.6245, 52.4262, 42.2602



10.5481, 11.0277, 10.6345



18.5682, 15.4221, 1.9981



0.8692, 0.8001, 0.1086

Inverse Universe

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



40.3671, 42.7315, 57.1599



69.4924, 73.5937, 103.0122



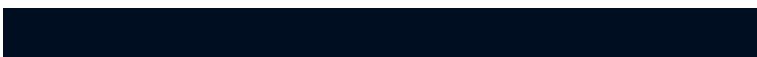
38.3664, 38.0966, 56.3707



9.8675, 10.4264, 12.7773



8.4303, 6.6170, 34.3895



0.4323, 0.4220, 1.5085

Previews

White Background



This preview shows how the XYZ color 45.3829, 47.1614, 41.3615 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 45.3829, 47.1614, 41.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

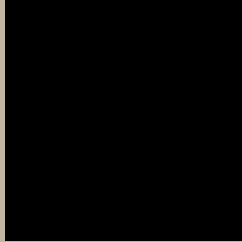
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3829, 47.1614, 41.3615

Background



This preview shows how black text looks on a background with the XYZ color 45.3829, 47.1614, 41.3615.



This preview shows how white text looks on a background with the XYZ color 45.3829, 47.1614,

41.3615.

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

45.3829, 47.1614, 41.3615

Protanopia

44.6640, 47.0834, 41.8559

Deuteranopia

47.9583, 46.9964, 41.6655



Tritanopia

48.4148, 47.2116, 55.8512

Trichromacy



Original Color

45.3829, 47.1614, 41.3615

Protanomaly

44.9146, 47.2126, 41.8676

Deuteranomaly

46.9784, 47.0777, 41.7328

Tritanomaly

47.2868, 47.0473, 50.3048

Monochromacy



Original Color

45.3829, 47.1614, 41.3615

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.0579, 47.1553, 47.8014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3829, 47.1614, 41.3615 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, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 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, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 163) }
```

Border

The CSS property to change the border of an element to XYZ 45.3829, 47.1614, 41.3615 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, 181, 163) }
```


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

```
.border{ border-color:rgb(194, 181, 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, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 181,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3829, 47.1614, 41.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 181, 163) }
```

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

```
.background{ background-color: rgb(194,  
181, 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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