

Converting Colors

XYZ(43.2711, 47.0703, 28.0435)

Have a look what the booklet for
XYZ(43.2711, 47.0703, 28.0435)
contains.

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Color

**XYZ(43.2109, 46.9480,
27.9035)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B782
RGB	194, 183, 130
RGB Percent	76%, 72%, 51%
CMY	0.2392, 0.2823, 0.4902
CMYK	0.00, 0.06, 0.33, 0.24
HSL	50°, 34%, 64%
HSV	50°, 33%, 76%
XYZ	43.2109, 46.9480, 27.9035
YIQ	180.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

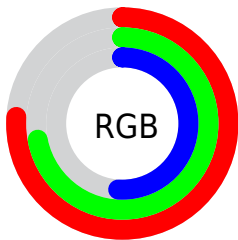
Format	Color
RYB	143, 194, 130
Decimal	12760962
CIELab	74.16, -4.14, 28.41
CIElCh	74, 28.706, 98.297
Yxy	46.9480, 0.3660, 0.3977
Android (android.graphics.Color)	4290951042 (0xFFC2B782)
YUV	180.2470, -24.7718, 12.0614
Hunter-Lab	68.5186, -7.3375, 23.8178

Details

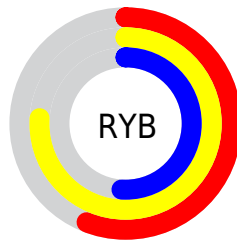
The XYZ color **43.2109, 46.9480, 27.9035** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.4683, 27.6899, 54.8833**, and the grayscale version is **43.6362, 45.9087, 49.9946**.

A 20% lighter version of the original color is **79.1974, 85.6611, 57.1598**, and **20.0781, 22.0334, 10.7841** is the 20% darker color. If you saturate the color by 10%, you get **41.3507, 45.1185, 21.4535**, and if you desaturate by 10%, it is **45.3353, 48.9125, 35.6539**.

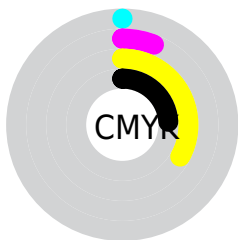
Distribution



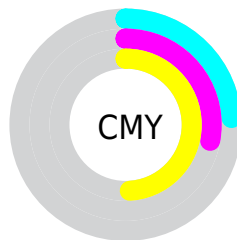
- Red (76%)
- Green (72%)
- Blue (51%)



- Red (56%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (33%)
- Black (24%)





- Cyan (24%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2109, 46.9480, 27.9035 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 43.2109, 46.9480, 27.9035 by changing the saturation by 10% instead.

 43.2109, 46.9480,
27.9035


 43.2109, 46.9480,
27.9035


350.3852,
374.6069, 305.9029


 30.2459, 32.9945,
18.0145

 79.2827, 85.6360,
57.3516

 20.1743, 22.1223,
10.7909

 103.1203,
111.1393, 77.7478

 12.6308, 13.9468,
5.8140


 131.3127,
141.2614, 102.4834

 7.2500, 8.0837,
2.6654

164.2253,
176.3867, 131.9771

 3.6667, 4.1485,
0.9259

202.2235,
216.8994, 166.6474

 1.5153, 1.7570,
0.0000

245.6727,

 0.3362, 0.4601,

263.1841, 206.9127

0.0000

294.9381,
315.6252, 253.1917

■ 0.0000, 0.0000,
0.0000

■ 43.2109, 46.9480,
27.9035

■ 43.2109, 46.9480,
27.9035

■ 41.3507, 45.1185,
21.4535

■ 45.3353, 48.9125,
35.6539

■ 39.7371, 43.4119,
16.2282

■ 47.7333, 51.0111,
44.7689

■ 38.3561, 41.8241,
12.1483


■ 50.4179, 53.2506,
55.3122


■ 37.1906, 40.3479,
9.1242


■ 53.4005, 55.6359,
67.3423

■ 36.2208, 38.9753,
7.0529


■ 56.6915, 58.1714,
80.9147


 35.4232, 37.6968,
5.8106

 60.3012, 60.8612,
96.0817

 34.9355, 36.8439,
5.2703

 62.4505, 62.9940,
103.4753

 63.2632, 64.6194,
103.7462

 64.0930, 66.2790,
104.0228

Harmonies

Analogous

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



48.3803, 46.9480, 29.0621



43.2109, 46.9480, 27.9035



38.7706, 46.9480, 31.9578

Triad

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



43.2109, 46.9480, 27.9035



37.3031, 46.9480, 70.7548



54.4553, 46.9480, 62.3228

Complementary

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



43.2109, 46.9480, 27.9035



28.4683, 27.6899, 54.8833

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.



51.0358, 46.9480, 76.7216



43.2109, 46.9480, 27.9035



41.0648, 46.9480, 82.2042

Square

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



43.2109, 46.9480, 27.9035



35.5353, 46.9480, 55.3149



46.0649, 46.9480, 84.5755



55.1405, 46.9480, 47.1397

Rectangle

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



43.2109, 46.9480, 27.9035



36.7272, 46.9480, 37.6331



46.0649, 46.9480, 84.5755



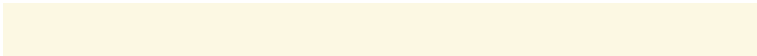
53.5756, 46.9480, 67.4925

Sweetspot

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



43.2121, 46.9501, 27.9045



87.8036, 93.5411, 86.2490



35.0937, 29.3801, 29.3082



19.0802, 20.3595, 18.3118



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.



43.2121, 46.9501, 27.9045



75.6695, 82.5038, 41.4153



40.7176, 49.1636, 28.4632



10.7614, 11.4543, 10.7056



23.0218, 24.3294, 3.4827



1.0344, 1.1307, 0.1637

Inverse Universe

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



28.4683, 27.6899, 54.8833



44.6463, 41.9898, 98.2215



30.3475, 26.3703, 54.5296



9.6651, 10.0215, 12.7098



6.8080, 3.3726, 33.8488



0.3384, 0.2343, 1.4773

Previews

White Background



This preview shows how the XYZ color 43.2109, 46.9480, 27.9035 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 43.2109, 46.9480, 27.9035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

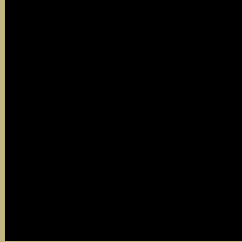
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2109, 46.9480, 27.9035

Background



This preview shows how black text looks on a background with the XYZ color 43.2109, 46.9480, 27.9035.



This preview shows how white text looks on a background with the XYZ color 43.2109, 46.9480,

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

43.2109, 46.9480, 27.9035

Protanopia

43.5222, 46.8034, 27.8592

Deuteranopia

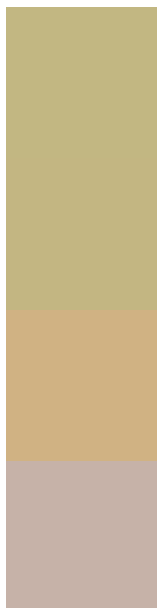
47.8137, 46.9248, 28.3671



Tritanopia

48.6027, 46.7516, 54.6064

Trichromacy



Original Color

43.2109, 46.9480, 27.9035

Protanomaly

43.2629, 46.6697, 27.8470

Deuteranomaly

46.0296, 46.8894, 28.0973

Tritanomaly

46.2770, 46.6737, 43.6157

Monochromacy



Original Color

43.2109, 46.9480, 27.9035

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.0530, 45.9707, 40.7865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2109, 46.9480, 27.9035 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 130) }
```

Border

The CSS property to change the border of an element to XYZ 43.2109, 46.9480, 27.9035 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, 130) }
```


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

```
.border{ border-color:rgb(194, 183, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 130);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2109, 46.9480, 27.9035 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, 130) }
```

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

```
.background{ background-color: rgb(194,  
183, 130) }
```

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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