

Converting Colors

XYZ(43.2629, 46.6697, 27.8470)

Have a look what the booklet for
XYZ(43.2629, 46.6697, 27.8470)
contains.

XYZ(43.2629, 46.6697, 27.8470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.2629, 46.6697,
27.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B682
RGB	195, 182, 130
RGB Percent	76%, 71%, 51%
CMY	0.2353, 0.2863, 0.4902
CMYK	0.00, 0.07, 0.33, 0.24
HSL	48°, 35%, 64%
HSV	48°, 33%, 76%
XYZ	43.2629, 46.6697, 27.8470
YIQ	179.9590, 24.4400, -13.4160

Conversions

Conversions Part 2

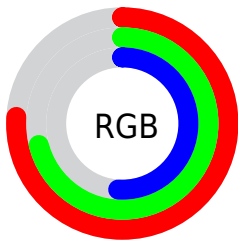
Format	Color
RYB	146, 195, 130
Decimal	12826242
CIELab	73.98, -3.22, 28.18
CIELCh	74, 28.367, 96.515
Yxy	46.6697, 0.3673, 0.3962
Android (android.graphics.Color)	4291016322 (0xFFC3B682)
YUV	179.9590, -24.6298, 13.1910
Hunter-Lab	68.3152, -6.5106, 23.6526

Details

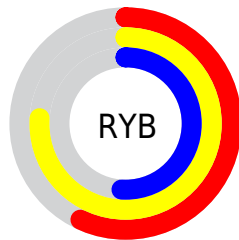
The XYZ color **43.2629, 46.6697, 27.8470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.8785, 28.3301, 55.5761**, and the grayscale version is **43.4802, 45.7446, 49.8159**.

A 20% lighter version of the original color is **79.2667, 85.2634, 57.0794**, and **20.1134, 21.8551, 10.7478** is the 20% darker color. If you saturate the color by 10%, you get **41.2892, 44.6220, 21.3322**, and if you desaturate by 10%, it is **45.5093, 48.8653, 35.6776**.

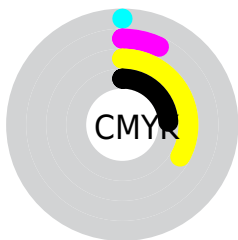
Distribution



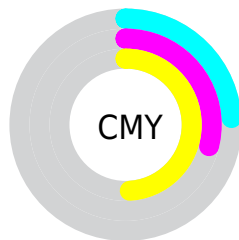
- Red (76%)
- Green (71%)
- Blue (51%)



- Red (57%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2629, 46.6697, 27.8470 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 43.2629, 46.6697, 27.8470 by changing the saturation by 10% instead.

■ 43.2629, 46.6697,
27.8470

■ 43.2629, 46.6697,
27.8470

350.5950,
373.4946, 305.6240

■ 30.2869, 32.7746,
17.9723

■ 79.3607, 85.2204,
57.2602

■ 20.2056, 21.9538,
10.7609

■ 103.2131,
110.6448, 77.6359

■ 12.6537, 13.8230,
5.7941

■ 131.4218,
140.6810, 102.3489

■ 7.2659, 7.9977,
2.6536

164.3519,
175.7136, 131.8179

■ 3.6767, 4.0934,
0.9199

202.3690,
216.1268, 166.4613

■ 1.5209, 1.7260,
0.0000

245.8383,

■ 0.3400, 0.4404,

262.3051, 206.6978

0.0000

295.1252,
314.6329, 252.9459

■ 0.0000, 0.0000,
0.0000

■ 43.2629, 46.6697,
27.8470

■ 43.2629, 46.6697,
27.8470

■ 41.2892, 44.6220,
21.3322

■ 45.5093, 48.8653,
35.6776

■ 39.5703, 42.7099,
16.0561

■ 48.0380, 51.2081,
44.8892

■ 38.0920, 40.9290,
11.9384


■ 50.8623, 53.7052,
55.5464


■ 36.8365, 39.2720,
8.8877


■ 53.9938, 56.3616,
67.7087

■ 35.7840, 37.7305,
6.7992

■ 57.4432, 59.1819,
81.4323


 34.9101, 36.2946,
5.5464

 61.2209, 62.1704,
96.7705

 34.3965, 35.3837,
5.0168

 63.4288, 64.5682,
103.7276

 64.3989, 66.5084,
104.0510

 65.3925, 68.4957,
104.3822

Harmonies

Analogous

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



48.3510, 46.6697, 29.2972



43.2629, 46.6697, 27.8470



38.8150, 46.6697, 31.5432

Triad

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



43.2629, 46.6697, 27.8470



36.9864, 46.6697, 69.2722



53.8973, 46.6697, 62.7529

Complementary

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



43.2629, 46.6697, 27.8470



28.8785, 28.3301, 55.5761

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.



50.4055, 46.6697, 76.6722



43.2629, 46.6697, 27.8470



40.5914, 46.6697, 80.9087

Square

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



43.2629, 46.6697, 27.8470



35.3735, 46.6697, 54.0443



45.4717, 46.6697, 83.8465



54.7482, 46.6697, 47.7176

Rectangle

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



43.2629, 46.6697, 27.8470



36.7255, 46.6697, 36.9355



45.4717, 46.6697, 83.8465



52.9812, 46.6697, 67.7982

Sweetspot

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



43.2641, 46.6718, 27.8480



87.5856, 93.1051, 86.1763



35.4466, 29.5510, 29.8228



19.0259, 20.2509, 18.2937



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.



43.2641, 46.6718, 27.8480



74.8624, 80.8895, 41.1463



41.3363, 49.8141, 28.5561



10.7369, 11.4051, 10.6974



22.4161, 23.1180, 3.2808



1.0131, 1.0880, 0.1566

Inverse Universe

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



28.8785, 28.3301, 55.5761



45.1797, 43.0566, 98.3993



30.3193, 26.3426, 55.1165



9.6878, 10.0669, 12.7173



6.9219, 3.6003, 33.8867



0.3486, 0.2545, 1.4806

Previews

White Background



This preview shows how the XYZ color 43.2629, 46.6697, 27.8470 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 43.2629, 46.6697, 27.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

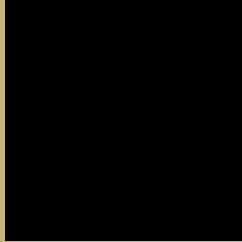
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2629, 46.6697, 27.8470

Background



This preview shows how black text looks on a background with the XYZ color 43.2629, 46.6697, 27.8470.

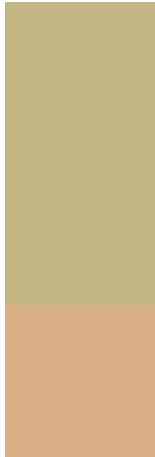


This preview shows how white text looks on a background with the XYZ color 43.2629, 46.6697,

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

43.2629, 46.6697, 27.8470

Protanopia

43.5222, 46.8034, 27.8592

Deuteranopia

47.6198, 46.5370, 28.3025



Tritanopia

48.5703, 46.4595, 53.9846

Trichromacy



Original Color

43.2629, 46.6697, 27.8470

Protanomaly

43.5222, 46.8034, 27.8592

Deuteranomaly

45.8313, 46.4929, 28.0312

Tritanomaly

46.2504, 46.3764, 43.0731

Monochromacy



Original Color

43.2629, 46.6697, 27.8470

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 43.2629, 46.6697, 27.8470 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(195, 182, 130)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 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(195, 182, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 130) }
```

Border

The CSS property to change the border of an element to XYZ 43.2629, 46.6697, 27.8470 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(195, 182, 130) }
```


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

```
.border{ border-color:rgb(195, 182, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 182, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 130);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2629, 46.6697, 27.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 130) }
```

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

```
.background{ background-color: rgb(195,  
182, 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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