

Converting Colors

XYZ(46.4726, 43.4773, 38.7435)

Have a look what the booklet for
XYZ(46.4726, 43.4773, 38.7435)
contains.

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Color

**XYZ(46.4726, 43.4773,
38.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A69F
RGB	210, 166, 159
RGB Percent	82%, 65%, 62%
CMY	0.1765, 0.3490, 0.3765
CMYK	0.00, 0.21, 0.24, 0.18
HSL	8°, 36%, 72%
HSV	8°, 24%, 82%
XYZ	46.4726, 43.4773, 38.7435
YIQ	178.3580, 28.4710, 7.1510

Conversions

Conversions Part 2

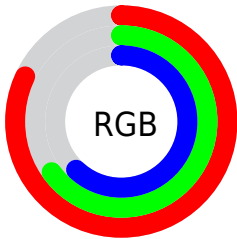
Format	Color
R _Y B	210, 167, 159
Decimal	13805215
CIE Lab	71.88, 15.12, 9.79
CIE LCh	72, 18.012, 32.921
Yxy	43.4773, 0.3611, 0.3378
Android (android.graphics.Color)	4291995295 (0xFFD2A69F)
YUV	178.3580, -9.5435, 27.7500
Hunter-Lab	65.9373, 10.4164, 11.3185

Details

The XYZ color **46.4726, 43.4773, 38.7435** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2864, 54.7345, 69.0456**, and the grayscale version is **42.5459, 44.7616, 48.7454**.

A 20% lighter version of the original color is **79.2341, 77.8279, 74.4645**, and **22.2417, 20.0859, 16.8921** is the 20% darker color. If you saturate the color by 10%, you get **41.7386, 36.6818, 28.9257**, and if you desaturate by 10%, it is **51.9825, 51.3284, 50.3483**.

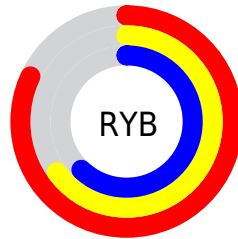
Distribution



Red (82%)

Green (65%)

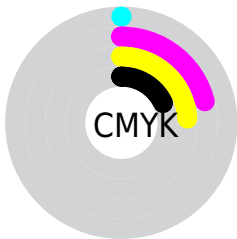
Blue (62%)



Red (82%)

Yellow (65%)

Blue (62%)

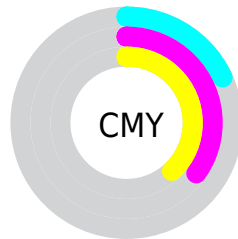


Cyan (0%)

Magenta (21%)

Yellow (24%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4726, 43.4773, 38.7435 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 46.4726, 43.4773, 38.7435 by changing the saturation by 10% instead.


 46.4726, 43.4773,
38.7435

 46.4726, 43.4773,
38.7435


363.3896,
360.5710, 356.1921

 32.8251, 30.2598,
26.2539


 84.1494, 80.4306,
74.4623

 22.1511, 20.0359,
16.7862


 108.9094,
104.9352, 98.5287

 14.0852, 12.4211,
9.9219


138.1043,
133.9710, 127.2911

 8.2620, 7.0312,
5.2423

172.0994,
167.9223, 161.1680

 4.3163, 3.4816,
2.3289

211.2602,
207.1736, 200.5780

 1.8826, 1.3880,
0.7473

255.9519,

 0.5667, 0.2079,

252.1092, 245.9397

0.0000

306.5399,
303.1135, 297.6715

■ 0.0000, 0.0000,
0.0000

■ 46.4726, 43.4773,
38.7435

■ 46.4726, 43.4773,
38.7435

■ 41.7386, 36.6818,
28.9257

■ 51.9825, 51.3284,
50.3483

■ 37.7419, 30.8911,
20.8034

■ 58.2975, 60.2713,
63.8201

■ 34.4463, 26.0591,
14.2810

■ 65.4495, 70.3478,
79.2372

■ 31.8105, 22.1338,
9.2525

■ 73.4677, 81.5956,
96.6726

■ 29.7894, 19.0581,
5.5987

■ 80.3885, 92.4417,
108.2139

■ 28.3315, 16.7684,
3.1823

■ 27.3767, 15.1920,
1.8373

■ 27.0139, 14.5726,
1.3890

Harmonies

Analogous

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



47.4955, 43.4773, 46.4841



46.4726, 43.4773, 38.7435



44.0660, 43.4773, 33.8417

Triad

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



46.4726, 43.4773, 38.7435



36.2940, 43.4773, 40.0622



41.6251, 43.4773, 66.2822

Complementary

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



46.4726, 43.4773, 38.7435



47.2864, 54.7345, 69.0456

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.



38.6979, 43.4773, 64.0196



46.4726, 43.4773, 38.7435



35.7115, 43.4773, 48.2051

Square

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



46.4726, 43.4773, 38.7435



38.2020, 43.4773, 34.5343



36.5702, 43.4773, 57.1210



44.6114, 43.4773, 62.9731

Rectangle

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



46.4726, 43.4773, 38.7435



42.0546, 43.4773, 32.4835



36.5702, 43.4773, 57.1210



40.6016, 43.4773, 66.1487

Sweetspot

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



46.4738, 43.4793, 38.7444



87.5909, 89.4690, 92.8884



49.7803, 42.8198, 62.2667



18.6169, 18.9645, 19.6015



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.



46.4738, 43.4793, 38.7444



68.2614, 61.9497, 52.1027



51.5331, 53.5979, 40.4308



11.9378, 12.0663, 12.3119



16.5211, 8.9751, 0.8616



0.9673, 0.5890, 0.0627

Inverse Universe

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



47.2864, 54.7345, 69.0456



69.7230, 82.2603, 106.8108



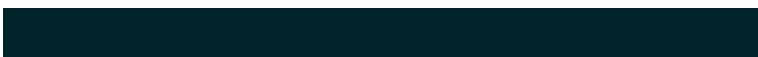
41.7922, 43.7462, 67.2142



12.0142, 13.1186, 15.1426



17.2498, 23.1462, 40.7510



1.0036, 1.3724, 2.2916

Previews

White Background



This preview shows how the XYZ color 46.4726, 43.4773, 38.7435 looks on a white background.

Color Contrast Check

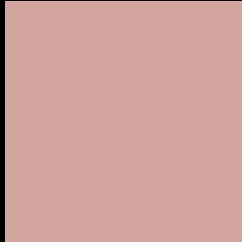
Large Text (above 18pt) WCAG AA × Fail

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 46.4726, 43.4773, 38.7435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

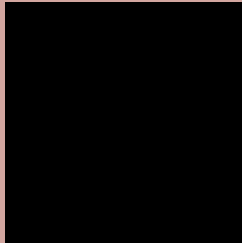
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4726, 43.4773, 38.7435

Background



This preview shows how black text looks on a background with the XYZ color 46.4726, 43.4773, 38.7435.



This preview shows how white text looks on a background with the XYZ color 46.4726, 43.4773,

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

46.4726, 43.4773, 38.7435

Protanopia

41.5176, 43.6761, 41.3641

Deuteranopia

44.3657, 43.4974, 38.4053



Tritanopia

48.0850, 43.3260, 46.9027

Trichromacy



Original Color

46.4726, 43.4773, 38.7435

Protanomaly

43.0123, 43.3202, 40.2770

Deuteranomaly

45.2614, 43.6819, 38.3937

Tritanomaly

47.3951, 43.3021, 43.8904

Monochromacy



Original Color

46.4726, 43.4773, 38.7435

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.7219, 44.1595, 44.7473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4726, 43.4773, 38.7435 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(210, 166, 159) looks like.

```
.text, #text, p{  
    color:rgb(210, 166, 159)  
}
```

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(210, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 166, 159) }
```

Border

The CSS property to change the border of an element to XYZ 46.4726, 43.4773, 38.7435 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(210, 166, 159) }
```


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

```
.border{ border-color:rgb(210, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(210, 166,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4726, 43.4773, 38.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 166, 159) }
```

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

```
.background{ background-color: rgb(210,  
166, 159) }
```

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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