

Converting Colors

XYZ(43.9559, 52.0201, 27.4864)

Have a look what the booklet for
XYZ(43.9559, 52.0201, 27.4864)
contains.

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Color

**XYZ(43.7397, 51.7532,
27.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C57E
RGB	185, 197, 126
RGB Percent	73%, 77%, 49%
CMY	0.2745, 0.2274, 0.5059
CMYK	0.06, 0.00, 0.36, 0.23
HSL	70°, 38%, 63%
HSV	70°, 36%, 77%
XYZ	43.7397, 51.7532, 27.4227
YIQ	185.3180, 15.6390, -24.6250

Conversions

Conversions Part 2

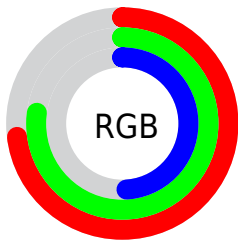
Format	Color
RYB	126, 197, 138
Decimal	12174718
CIELab	77.13, -15.41, 34.27
CIELCh	77, 37.576, 114.211
Yxy	51.7532, 0.3559, 0.4210
Android (android.graphics.Color)	4290364798 (0xFFB9C57E)
YUV	185.3180, -29.2438, -0.2789
Hunter-Lab	71.9397, -17.3656, 27.7570

Details

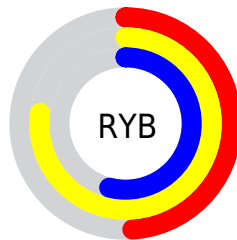
The XYZ color **43.7397, 51.7532, 27.4227** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.0222, 24.3576, 56.0510**, and the grayscale version is **46.4441, 48.8628, 53.2116**.

A 20% lighter version of the original color is **80.1964, 93.0155, 56.3748**, and **20.4870, 24.9920, 10.5816** is the 20% darker color. If you saturate the color by 10%, you get **41.7979, 50.8865, 21.3371**, and if you desaturate by 10%, it is **45.9533, 52.7343, 34.8298**.

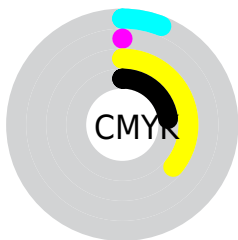
Distribution



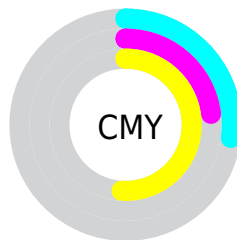
- Red (73%)
- Green (77%)
- Blue (49%)



- Red (49%)
- Yellow (77%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)





- Cyan (27%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7397, 51.7532, 27.4227 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 43.7397, 51.7532, 27.4227 by changing the saturation by 10% instead.


 43.7397, 51.7532,
27.4227


 43.7397, 51.7532,
27.4227


352.5152,
393.4831, 303.5226


 30.6630, 36.8084,
17.6557


 80.0747, 92.7672,
56.5734

 20.4929, 25.0592,
10.5362


 104.0636,
119.6051, 76.7941

 12.8642, 16.1211,
5.6457

 132.4207,
151.1762, 101.3366

 7.4114, 9.6099,
2.5656

165.5112,
187.8649, 130.6192

 3.7693, 5.1411,
0.8746

203.7006,
230.0555, 165.0606

 1.5725, 2.3303,
0.0000

247.3541,

 0.3744, 0.7897,

278.1325, 205.0793

0.0000

296.8372,
332.4802, 251.0938

■ 0.0000, 0.0000,
0.0000

■ 43.7397, 51.7532,
27.4227

■ 43.7397, 51.7532,
27.4227

■ 41.7979, 50.8865,
21.3371

■ 45.9533, 52.7343,
34.8298

■ 40.1092, 50.1214,
16.4920

■ 48.4484, 53.8285,
43.6264

■ 38.6583, 49.4536,
12.8026


■ 51.2391, 55.0431,
53.8801


■ 37.4267, 48.8757,
10.1719


■ 54.3374, 56.3830,
65.6529


■ 36.3931, 48.3790,
8.4874


■ 57.7543, 57.8525,
79.0031


 35.5301, 47.9527,
7.6071

 61.5007, 59.4561,
93.9861

 35.2144, 47.7950,
7.3694

 64.1190, 60.6107,
102.9273

 65.0674, 61.0996,
102.9717

 66.0355, 61.5987,
103.0170

Harmonies

Analogous

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



50.5963, 51.7532, 25.4442



43.7397, 51.7532, 27.4227



38.8141, 51.7532, 36.2372

Triad

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



43.7397, 51.7532, 27.4227



41.5460, 51.7532, 94.9179



64.2523, 51.7532, 60.4355

Complementary

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



43.7397, 51.7532, 27.4227



28.0222, 24.3576, 56.0510

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.



61.2672, 51.7532, 82.7957



43.7397, 51.7532, 27.4227



47.8097, 51.7532, 105.5835

Square

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



43.7397, 51.7532, 27.4227



37.6365, 51.7532, 74.1809



55.0749, 51.7532, 100.6795



62.8943, 51.7532, 41.6339

Rectangle

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



43.7397, 51.7532, 27.4227



37.0591, 51.7532, 46.2572



55.0749, 51.7532, 100.6795



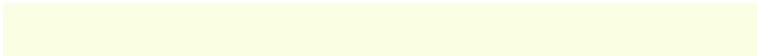
63.7152, 51.7532, 67.8144

Sweetspot

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



43.7410, 51.7555, 27.4238



89.1348, 97.4348, 86.7458



35.8583, 31.5073, 23.9310



18.9326, 20.7915, 18.0326



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.



43.7410, 51.7555, 27.4238



75.6430, 91.4869, 40.6017



36.2504, 47.8940, 27.0732



11.3411, 12.3228, 11.3436



23.2222, 31.4668, 4.8498



1.1475, 1.5147, 0.2319

Inverse Universe

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



28.0222, 24.3576, 56.0510



43.5161, 35.4587, 99.1584



34.8481, 27.8765, 56.3704



10.2211, 10.3722, 13.3808



7.0967, 2.8927, 34.9287



0.3894, 0.1645, 1.6564

Previews

White Background



This preview shows how the XYZ color 43.7397, 51.7532, 27.4227 looks on a white background.

Color Contrast Check

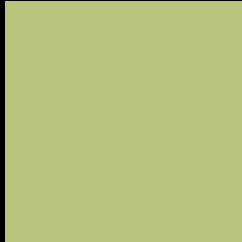
Large Text (above 18pt) WCAG AA × Fail

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 43.7397, 51.7532, 27.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

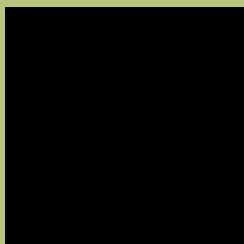
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

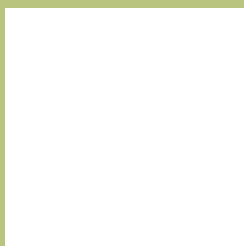
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7397, 51.7532, 27.4227

Background



This preview shows how black text looks on a background with the XYZ color 43.7397, 51.7532, 27.4227.



This preview shows how white text looks on a background with the XYZ color 43.7397, 51.7532,

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

43.7397, 51.7532, 27.4227

Protanopia

47.7207, 51.5224, 26.1686

Deuteranopia

52.6853, 51.5349, 27.9393



Tritanopia

51.1496, 51.8328, 63.1860

Trichromacy



Original Color

43.7397, 51.7532, 27.4227

Protanomaly

46.2612, 51.7373, 26.6168

Deuteranomaly

48.8180, 51.0962, 27.7116

Tritanomaly

47.7566, 51.3940, 47.4474

Monochromacy



Original Color

43.7397, 51.7532, 27.4227

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.9060, 49.3898, 42.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7397, 51.7532, 27.4227 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(185, 197, 126)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 126)  
}
```

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(185, 197, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 126) }
```

Border

The CSS property to change the border of an element to XYZ 43.7397, 51.7532, 27.4227 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(185, 197, 126) }
```


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

```
.border{ border-color:rgb(185, 197, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 197, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 197, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 197, 126);  
box-shadow:4px 4px 4px 4px rgb(185, 197,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7397, 51.7532, 27.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 197, 126) }
```

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

```
.background{ background-color: rgb(185,  
197, 126) }
```

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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