

Converting Colors

XYZ(44.1787, 51.4733, 26.0195)

Have a look what the booklet for
XYZ(44.1787, 51.4733, 26.0195)
contains.

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Color

**XYZ(44.0142, 51.2542,
25.9856)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC37A
RGB	189, 195, 122
RGB Percent	74%, 76%, 48%
CMY	0.2588, 0.2353, 0.5216
CMYK	0.03, 0.00, 0.37, 0.24
HSL	65°, 38%, 62%
HSV	65°, 37%, 76%
XYZ	44.0142, 51.2542, 25.9856
YIQ	184.8840, 19.8570, -23.9750

Conversions

Conversions Part 2

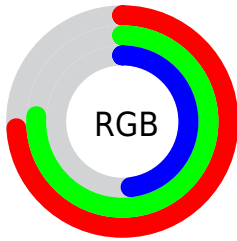
Format	Color
RYB	122, 195, 128
Decimal	12436346
CIELab	76.83, -13.31, 36.00
CIELCh	77, 38.381, 110.291
Yxy	51.2542, 0.3630, 0.4227
Android (android.graphics.Color)	4290626426 (0xFFBDC37A)
YUV	184.8840, -31.0018, 3.6097
Hunter-Lab	71.5920, -15.5457, 28.5941

Details

The XYZ color **44.0142, 51.2542, 25.9856** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.7139, 22.4497, 54.6108**, and the grayscale version is **46.2099, 48.6164, 52.9433**.

A 20% lighter version of the original color is **80.2411, 91.6823, 54.0247**, and **20.5261, 24.5860, 9.7946** is the 20% darker color. If you saturate the color by 10%, you get **42.5300, 50.6166, 20.2296**, and if you desaturate by 10%, it is **45.7479, 51.9957, 33.0208**.

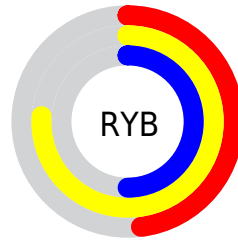
Distribution



Red (74%)

Green (76%)

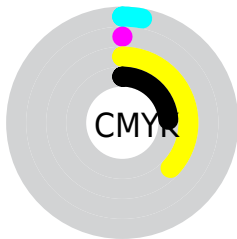
Blue (48%)



Red (48%)

Yellow (76%)

Blue (50%)

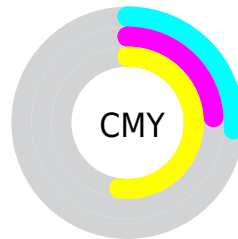


Cyan (3%)

Magenta (0%)

Yellow (37%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0142, 51.2542, 25.9856 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 44.0142, 51.2542, 25.9856 by changing the saturation by 10% instead.


 44.0142, 51.2542,
25.9856

 44.0142, 51.2542,
25.9856


353.6175,
391.5506, 296.3146

 30.8796, 36.4110,
16.5872


 80.4853, 92.0304,
54.2355

 20.6586, 24.7517,
9.7818


 104.5526,
118.7322, 73.9241

 12.9857, 15.8922,
5.1508


 132.9948,
150.1555, 97.8798

 7.4956, 9.4479,
2.2757

166.1773,
186.6849, 126.5213

 3.8230, 5.0345,
0.7176

204.4655,
228.7047, 160.2669

 1.6025, 2.2675,
0.0000

248.2247,

 0.3940, 0.7564,

276.5994, 199.5353

0.0000

297.8202,
330.7532, 244.7450

■ 0.0000, 0.0000,
0.0000

■ 44.0142, 51.2542,
25.9856

■ 44.0142, 51.2542,
25.9856

■ 42.5300, 50.6166,
20.2296

■ 45.7479, 51.9957,
33.0208

■ 41.2767, 50.0701,
15.6728

■ 47.7405, 52.8395,
41.4025

■ 40.2396, 49.6105,
12.2312


■ 50.0059, 53.7929,
51.1970


■ 39.4004, 49.2306,
9.8087


■ 52.5555, 54.8605,
62.4653

■ 38.7376, 48.9218,
8.2928


■ 55.4003, 56.0467,
75.2649


 38.2209, 48.6719,
7.5237

 58.5507, 57.3557,
89.6502

 38.0983, 48.6119,
7.3750

 61.4468, 58.5634,
102.6730

 61.8782, 58.7858,
102.6932

 62.3141, 59.0105,
102.7136

Harmonies

Analogous

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



51.1182, 51.2542, 24.8513



44.0142, 51.2542, 25.9856



38.7076, 51.2542, 33.8862

Triad

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



44.0142, 51.2542, 25.9856



40.2970, 51.2542, 92.7402



63.8806, 51.2542, 62.8555

Complementary

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



44.0142, 51.2542, 25.9856



25.7139, 22.4497, 54.6108

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.



60.3151, 51.2542, 85.5874



44.0142, 51.2542, 25.9856



46.3894, 51.2542, 105.4698

Square

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



44.0142, 51.2542, 25.9856



36.7146, 51.2542, 70.9193



53.7404, 51.2542, 102.5677



63.0824, 51.2542, 43.0104

Rectangle

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



44.0142, 51.2542, 25.9856



36.6744, 51.2542, 43.3329



53.7404, 51.2542, 102.5677



63.1402, 51.2542, 70.4713

Sweetspot

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



44.0155, 51.2565, 25.9867



87.9827, 95.6772, 84.8362



33.5925, 28.1529, 22.0766



19.1436, 20.9003, 18.0425



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.



44.0155, 51.2565, 25.9867



76.5993, 90.8368, 37.8638



36.2866, 47.2721, 25.6250



10.8291, 11.7149, 10.7523



24.7945, 31.6109, 4.7947



1.0959, 1.3785, 0.2083

Inverse Universe

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



25.7139, 22.4497, 54.6108



39.1003, 31.7918, 96.5454



31.9909, 25.6857, 54.9045



9.6034, 9.7867, 12.6677



6.5714, 2.6481, 33.7214



0.3108, 0.1282, 1.4583

Previews

White Background



This preview shows how the XYZ color 44.0142, 51.2542, 25.9856 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 44.0142, 51.2542, 25.9856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

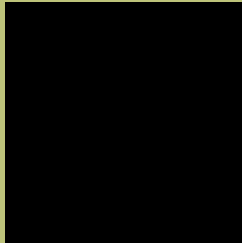
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0142, 51.2542, 25.9856

Background



This preview shows how black text looks on a background with the XYZ color 44.0142, 51.2542, 25.9856.



This preview shows how white text looks on a background with the XYZ color 44.0142, 51.2542,

25.9856.

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

44.0142, 51.2542, 25.9856

Protanopia

47.0414, 50.8731, 25.1094

Deuteranopia

51.9041, 50.8593, 26.4832



Tritanopia

51.2729, 51.2937, 61.8419

Trichromacy



Original Color

44.0142, 51.2542, 25.9856

Protanomaly

45.9014, 50.9214, 25.4987

Deuteranomaly

48.6376, 50.7192, 26.2951

Tritanomaly

48.1497, 50.9759, 46.3313

Monochromacy



Original Color

44.0142, 51.2542, 25.9856

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.9689, 49.4429, 41.3557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0142, 51.2542, 25.9856 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(189, 195, 122)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 122)  
}
```

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(189, 195, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 122) }
```

Border

The CSS property to change the border of an element to XYZ 44.0142, 51.2542, 25.9856 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(189, 195, 122) }
```


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

```
.border{ border-color:rgb(189, 195, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 122);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0142, 51.2542, 25.9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 122) }
```

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

```
.background{ background-color: rgb(189,  
195, 122) }
```

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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