

Converting Colors

XYZ(44.3210, 52.5786, 26.6097)

Have a look what the booklet for
XYZ(44.3210, 52.5786, 26.6097)
contains.

XYZ(44.2628, 52.3830, 26.5169)	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(44.2628, 52.3830,
26.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC67B
RGB	187, 198, 123
RGB Percent	73%, 78%, 48%
CMY	0.2667, 0.2235, 0.5176
CMYK	0.06, 0.00, 0.38, 0.22
HSL	69°, 40%, 63%
HSV	69°, 38%, 78%
XYZ	44.2628, 52.3830, 26.5169
YIQ	186.1610, 17.5190, -25.6570

Conversions

Conversions Part 2

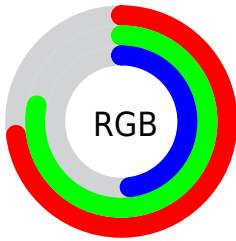
Format	Color
RYB	123, 198, 134
Decimal	12306043
CIELab	77.51, -15.50, 36.33
CIELCh	78, 39.495, 113.106
Yxy	52.3830, 0.3594, 0.4253
Android (android.graphics.Color)	4290496123 (0xFFBBC67B)
YUV	186.1610, -31.1384, 0.7358
Hunter-Lab	72.3761, -17.4936, 28.9408

Details

The XYZ color **44.2628, 52.3830, 26.5169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.1094, 23.3128, 56.5000**, and the grayscale version is **46.9257, 49.3695, 53.7634**.

A 20% lighter version of the original color is **80.9047, 93.8877, 54.9323**, and **20.8487, 25.4141, 10.1099** is the 20% darker color. If you saturate the color by 10%, you get **42.4435, 51.5758, 20.6032**, and if you desaturate by 10%, it is **46.3498, 53.3026, 33.7538**.

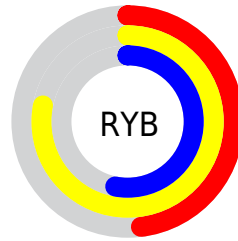
Distribution



Red (73%)

Green (78%)

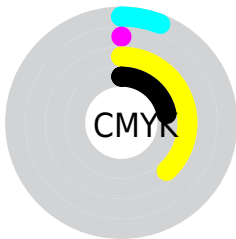
Blue (48%)



Red (48%)

Yellow (78%)

Blue (53%)

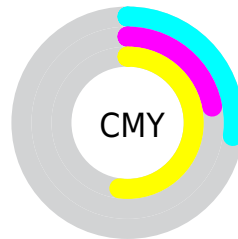


Cyan (6%)

Magenta (0%)

Yellow (38%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2628, 52.3830, 26.5169 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 44.2628, 52.3830, 26.5169 by changing the saturation by 10% instead.

■ 44.2628, 52.3830,
26.5169

■ 44.2628, 52.3830,
26.5169

354.6137,
395.9134, 298.9962

■ 31.0760, 37.3104,
16.9815

■ 80.8569, 93.6958,
55.1019

■ 20.8088, 25.4479,
10.0595

■ 104.9950,
120.7049, 74.9887

■ 13.0960, 16.4111,
5.3323

■ 133.5141,
152.4616, 99.1630

■ 7.5721, 9.8155,
2.3814

166.7797,
189.3504, 128.0433

■ 3.8719, 5.2768,
0.7763

205.1571,
231.7555, 162.0483

■ 1.6299, 2.4106,
0.0000

249.0117,

■ 0.4118, 0.8313,

280.0615, 201.5964

0.0000

298.7088,
334.6526, 247.1062

■ 0.0000, 0.0000,
0.0000

■ 44.2628, 52.3830,
26.5169

■ 44.2628, 52.3830,
26.5169

■ 42.4435, 51.5758,
20.6032

■ 46.3498, 53.3026,
33.7538

■ 40.8727, 50.8679,
15.9293

■ 48.7146, 54.3331,
42.3840

■ 39.5349, 50.2548,
12.4076


■ 51.3716, 55.4822,
52.4765


■ 38.4107, 49.7287,
9.9374


■ 54.3328, 56.7547,
64.0950


■ 37.4777, 49.2808,
8.4010

■ 57.6097, 58.1551,
77.2991


 36.7029, 48.8977,
7.6243

 61.2131, 59.6879,
92.1456

 36.5474, 48.8203,
7.4970

 64.0714, 60.9243,
102.9904

 64.8924, 61.3475,
103.0288

 65.7283, 61.7785,
103.0679

Harmonies

Analogous

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



51.5659, 52.3830, 24.7228



44.2628, 52.3830, 26.5169



38.9767, 52.3830, 35.3917

Triad

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



44.2628, 52.3830, 26.5169



41.5088, 52.3830, 97.5552



65.7779, 52.3830, 62.2167

Complementary

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



44.2628, 52.3830, 26.5169



27.1094, 23.3128, 56.5000

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.



62.4348, 52.3830, 86.0819



44.2628, 52.3830, 26.5169



48.0523, 52.3830, 109.5900

Square

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



44.2628, 52.3830, 26.5169



37.5035, 52.3830, 75.1178



55.7559, 52.3830, 104.9290



64.5000, 52.3830, 42.1173

Rectangle

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



44.2628, 52.3830, 26.5169



37.0561, 52.3830, 45.7020



55.7559, 52.3830, 104.9290



65.1469, 52.3830, 70.1046

Sweetspot

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



44.2641, 52.3854, 26.5180



89.3603, 97.5511, 86.7563



35.2531, 30.2123, 22.7131



18.9866, 20.8194, 18.0351



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.



44.2641, 52.3854, 26.5180



75.8270, 91.6264, 38.5968



36.4409, 48.3524, 26.1519



11.3651, 12.3351, 11.3447



23.8229, 31.7764, 4.8779



1.1708, 1.5267, 0.2330

Inverse Universe

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



27.1094, 23.3128, 56.5000



41.3861, 33.2261, 98.8397



33.9635, 26.8462, 56.8208



10.1991, 10.3609, 13.3798



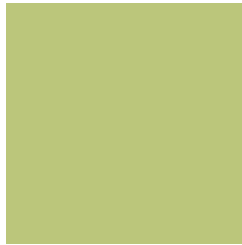
7.0042, 2.8450, 34.9243



0.3794, 0.1593, 1.6559

Previews

White Background



This preview shows how the XYZ color 44.2628, 52.3830, 26.5169 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 44.2628, 52.3830, 26.5169 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 44.2628, 52.3830, 26.5169

Background



This preview shows how black text looks on a background with the XYZ color 44.2628, 52.3830, 26.5169.



This preview shows how white text looks on a background with the XYZ color 44.2628, 52.3830,

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

44.2628, 52.3830, 26.5169

Protanopia

48.0334, 52.0276, 25.2800

Deuteranopia

53.3325, 52.1963, 27.0026



Tritanopia

51.7887, 52.1486, 63.8360

Trichromacy



Original Color

44.2628, 52.3830, 26.5169

Protanomaly

46.5624, 52.2434, 25.7190

Deuteranomaly

49.4164, 51.7432, 26.7850

Tritanomaly

48.4819, 52.0927, 47.5440

Monochromacy



Original Color

44.2628, 52.3830, 26.5169

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.2740, 49.9104, 41.8978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2628, 52.3830, 26.5169 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(187, 198, 123)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 123)  
}
```

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(187, 198, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 123) }
```

Border

The CSS property to change the border of an element to XYZ 44.2628, 52.3830, 26.5169 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(187, 198, 123) }
```


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

```
.border{ border-color:rgb(187, 198, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 198, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 198, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 198, 123);  
box-shadow:4px 4px 4px 4px rgb(187, 198,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2628, 52.3830, 26.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 123) }
```

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

```
.background{ background-color: rgb(187,  
198, 123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor