

Converting Colors

XYZ(43.4044, 51.6126, 24.8632)

Have a look what the booklet for
XYZ(43.4044, 51.6126, 24.8632)
contains.

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Color

**XYZ(43.4860, 51.6796,
24.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC576
RGB	186, 197, 118
RGB Percent	73%, 77%, 46%
CMY	0.2706, 0.2274, 0.5372
CMYK	0.06, 0.00, 0.40, 0.23
HSL	68°, 41%, 62%
HSV	68°, 40%, 77%
XYZ	43.4860, 51.6796, 24.8227
YIQ	184.7050, 18.8030, -26.9010

Conversions

Conversions Part 2

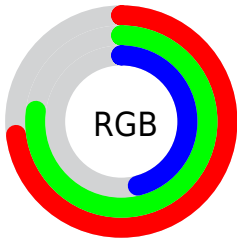
Format	Color
RYB	118, 197, 129
Decimal	12240246
CIELab	77.09, -15.97, 38.32
CIELCh	77, 41.514, 112.621
Yxy	51.6796, 0.3624, 0.4307
Android (android.graphics.Color)	4290430326 (0xFFBAC576)
YUV	184.7050, -32.8856, 1.1357
Hunter-Lab	71.8885, -17.8287, 29.8495

Details

The XYZ color **43.4860, 51.6796, 24.8227** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.6116, 21.6565, 55.6565**, and the grayscale version is **46.1208, 48.5227, 52.8412**.

A 20% lighter version of the original color is **79.7546, 92.8786, 52.2519**, and **20.3816, 24.9678, 9.2139** is the 20% darker color. If you saturate the color by 10%, you get **41.7757, 50.9210, 19.2570**, and if you desaturate by 10%, it is **45.4562, 52.5473, 31.6789**.

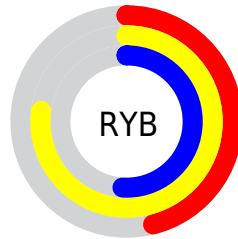
Distribution



Red (73%)

Green (77%)

Blue (46%)



Red (46%)

Yellow (77%)

Blue (51%)

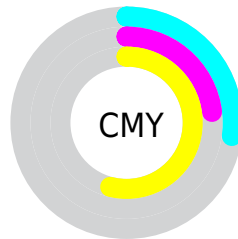


Cyan (6%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (27%)


Magenta (23%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4860, 51.6796, 24.8227 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 43.4860, 51.6796, 24.8227 by changing the saturation by 10% instead.


 43.4860, 51.6796,
24.8227


 43.4860, 51.6796,
24.8227


351.4944,
393.1984, 290.3732


 30.4628, 36.7498,
15.7272


 79.6949, 92.6585,
52.3300

 20.3399, 25.0138,
9.1791


 103.6113,
119.4764, 71.5789

 12.7521, 16.0873,
4.7598


 131.8895,
151.0258, 95.0493

 7.3339, 9.5860,
2.0507

164.8948,
187.6910, 123.1597

 3.7199, 5.1253,
0.5862

202.9925,
229.8565, 156.3288

 1.5449, 2.3210,
0.0000

246.5482,

 0.3561, 0.7848,

277.9066, 194.9751

0.0000

295.9270,
332.2258, 239.5170

■ 0.0000, 0.0000,
0.0000

■ 43.4860, 51.6796,
24.8227

■ 43.4860, 51.6796,
24.8227

■ 41.7757, 50.9210,
19.2570

■ 45.4562, 52.5473,
31.6789

■ 40.3060, 50.2583,
14.8977

■ 47.6966, 53.5227,
39.8961

■ 39.0611, 49.6870,
11.6560


■ 50.2214, 54.6133,
49.5436


■ 38.0214, 49.1992,
9.4294


■ 53.0429, 55.8242,
60.6852


■ 37.1639, 48.7858,
8.0966


■ 56.1724, 57.1597,
73.3806

 36.4507, 48.4322,
7.4272

 59.6207, 58.6243,
87.6865

 63.2520, 60.1637,
102.8868

 64.0167, 60.5579,
102.9225

 64.7948, 60.9590,
102.9590

Harmonies

Analogous

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



51.1042, 51.6796, 23.1259



43.4860, 51.6796, 24.8227



37.9735, 51.6796, 33.7071

Triad

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



43.4860, 51.6796, 24.8227



40.4334, 51.6796, 98.5873



65.8443, 51.6796, 62.0665

Complementary

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



43.4860, 51.6796, 24.8227



25.6116, 21.6565, 55.6565

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.



62.2584, 51.6796, 87.1583



43.4860, 51.6796, 24.8227



47.1877, 51.6796, 111.6299

Square

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



43.4860, 51.6796, 24.8227



36.3479, 51.6796, 74.7911



55.2205, 51.6796, 106.9640



64.5800, 51.6796, 41.0912

Rectangle

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



43.4860, 51.6796, 24.8227



35.9591, 51.6796, 44.2099



55.2205, 51.6796, 106.9640



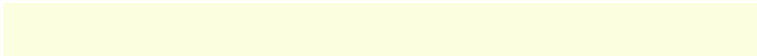
65.1540, 51.6796, 70.3459

Sweetspot

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



43.4873, 51.6819, 24.8238



88.9581, 97.3841, 84.9142



34.0866, 28.7575, 20.8944



18.9090, 20.7874, 17.6679



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.



43.4873, 51.6819, 24.8238



75.2093, 91.3710, 35.7181



35.2647, 47.4430, 24.4390



11.3730, 12.3392, 11.3450



24.0269, 31.8816, 4.8874



1.1787, 1.5308, 0.2333

Inverse Universe

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



25.6116, 21.6565, 55.6565



38.8962, 30.3366, 98.4132



32.7137, 25.3177, 55.9889



10.1918, 10.3572, 13.3795



6.9761, 2.8305, 34.9230



0.3761, 0.1576, 1.6557

Previews

White Background



This preview shows how the XYZ color 43.4860, 51.6796, 24.8227 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 43.4860, 51.6796, 24.8227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

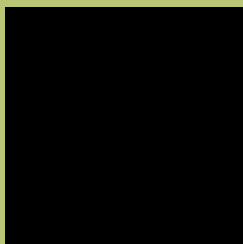
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

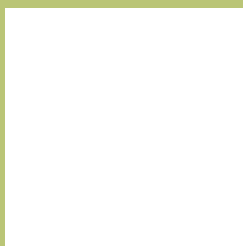
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4860, 51.6796, 24.8227

Background



This preview shows how black text looks on a background with the XYZ color 43.4860, 51.6796, 24.8227.



This preview shows how white text looks on a background with the XYZ color 43.4860, 51.6796,

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

43.4860, 51.6796, 24.8227

Protanopia

47.5204, 51.4746, 23.6507

Deuteranopia

52.4922, 51.4944, 25.2619



Tritanopia

51.1959, 51.5407, 63.1271

Trichromacy



Original Color

43.4860, 51.6796, 24.8227

Protanomaly

46.0418, 51.6802, 24.0716

Deuteranomaly

48.6011, 51.0428, 25.0600

Tritanomaly

47.7197, 51.4083, 45.9358

Monochromacy



Original Color

43.4860, 51.6796, 24.8227

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.6382, 49.2827, 40.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4860, 51.6796, 24.8227 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(186, 197, 118)` looks like.

```
.text, #text, p{  
    color:rgb(186, 197, 118)  
}
```

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(186, 197, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 197, 118) }
```

Border

The CSS property to change the border of an element to XYZ 43.4860, 51.6796, 24.8227 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(186, 197, 118) }
```


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

```
.border{ border-color:rgb(186, 197, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 197, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 197, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 197, 118);  
box-shadow:4px 4px 4px 4px rgb(186, 197,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4860, 51.6796, 24.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 197, 118) }
```

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

```
.background{ background-color: rgb(186,  
197, 118) }
```

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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