

Converting Colors

XYZ(44.7296, 50.6398, 43.4939)

Have a look what the booklet for
XYZ(44.7296, 50.6398, 43.4939)
contains.

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Color

**XYZ(44.7753, 50.5964,
43.4826)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C1A6
RGB	180, 193, 166
RGB Percent	71%, 76%, 65%
CMY	0.2941, 0.2431, 0.3490
CMYK	0.07, 0.00, 0.14, 0.24
HSL	89°, 18%, 70%
HSV	89°, 14%, 76%
XYZ	44.7753, 50.5964, 43.4826
YIQ	186.0350, 0.9190, -11.1530

Conversions

Conversions Part 2

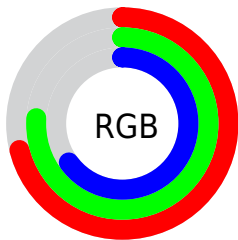
Format	Color
RYB	166, 193, 179
Decimal	11846054
CIELab	76.43, -9.37, 12.09
CIELCh	76, 15.296, 127.794
Yxy	50.5964, 0.3225, 0.3644
Android (android.graphics.Color)	4290036134 (0xFFB4C1A6)
YUV	186.0350, -9.8773, -5.2927
Hunter-Lab	71.1311, -12.1182, 13.5477

Details

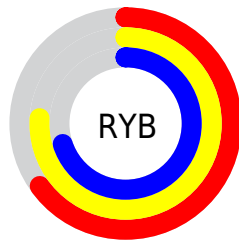
The XYZ color **44.7753, 50.5964, 43.4826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8543, 40.7078, 56.1062**, and the grayscale version is **46.7461, 49.1806, 53.5576**.

A 20% lighter version of the original color is **81.5189, 90.8047, 81.6372**, and **21.0223, 24.1922, 19.4812** is the 20% darker color. If you saturate the color by 10%, you get **41.0447, 48.8642, 34.7494**, and if you desaturate by 10%, it is **48.9195, 52.5141, 53.6242**.

Distribution



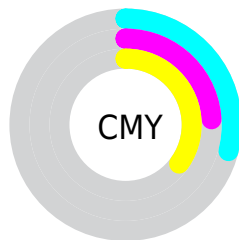
- Red (71%)
- Green (76%)
- Blue (65%)



- Red (65%)
- Yellow (76%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7753, 50.5964, 43.4826 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 44.7753, 50.5964, 43.4826 by changing the saturation by 10% instead.


 44.7753, 50.5964,
43.4826


 44.7753, 50.5964,
43.4826


356.6618,
388.9937, 376.5721

 31.4810, 35.8875,
29.9298


 81.6223, 91.0579,
81.7328

 21.1190, 24.3473,
19.5337


 105.9056,
117.5793, 107.2672

 13.3240, 15.5915,
11.8758


134.5828,
148.8070, 137.6325

 7.7306, 9.2355,
6.5377

168.0190,
185.1254, 173.2473

 3.9734, 4.8951,
3.1007

206.5796,
226.9188, 214.5301

 1.6871, 2.1859,
1.1463

250.6301,

 0.4482, 0.7123,

274.5718, 261.8995

0.0000

300.5357,
328.4686, 315.7740

■ 0.0000, 0.0000,
0.0000

■ 44.7753, 50.5964,
43.4826

■ 44.7753, 50.5964,
43.4826

■ 41.0447, 48.8642,
34.7494

■ 48.9195, 52.5141,
53.6242

■ 37.7091, 47.3047,
27.3591

■ 53.4870, 54.6166,
65.2294

■ 34.7540, 45.9136,
21.2458

■ 58.4922, 56.9116,
78.3542

■ 32.1629, 44.6837,
16.3368

■ 63.9478, 59.4044,
93.0510

■ 29.9173, 43.6076,
12.5521

■ 68.6335, 61.6073,
102.8818

■ 27.9971, 42.6765,
9.8020

■ 71.6358, 63.1550,
103.0223

■ 26.3793, 41.8811,
7.9828

■ 74.7987, 64.7855,
103.1703

■ 25.0367, 41.2100,
6.9698

■ 78.1245, 66.5000,
103.3259

■ 24.3332, 40.8547,
6.6033

■ 78.3610, 66.6219,
103.3370

Harmonies

Analogous

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



47.3431, 50.5964, 40.8219



44.7753, 50.5964, 43.4826



43.1425, 50.5964, 49.3106

Triad

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



44.7753, 50.5964, 43.4826



46.0273, 50.5964, 71.1206



53.7893, 50.5964, 52.9676

Complementary

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



44.7753, 50.5964, 43.4826



41.8543, 40.7078, 56.1062

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.



53.4028, 50.5964, 61.3061



44.7753, 50.5964, 43.4826



48.8454, 50.5964, 72.3488

Square

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



44.7753, 50.5964, 43.4826



43.8450, 50.5964, 65.3949



51.5651, 50.5964, 68.6006



52.6013, 50.5964, 45.9304

Rectangle

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



44.7753, 50.5964, 43.4826



42.7653, 50.5964, 54.4825



51.5651, 50.5964, 68.6006



53.8401, 50.5964, 55.7037

Sweetspot

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



44.7767, 50.5986, 43.4837



87.5548, 94.0226, 95.8969



44.9172, 46.1726, 42.6220



18.6570, 20.1126, 20.2580



92.9021, 97.7402, 106.4391



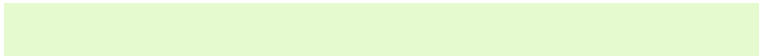
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.7767, 50.5986, 43.4837



77.9223, 89.5653, 72.4800



41.8697, 49.1000, 43.3477



10.4314, 11.5098, 10.7337



16.2764, 27.2196, 4.3961



0.7825, 1.2170, 0.1937

Inverse Universe

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



41.8543, 40.7078, 56.1062



71.6090, 68.1974, 99.7495



45.0274, 42.3436, 56.2547



9.9795, 9.9806, 12.6853



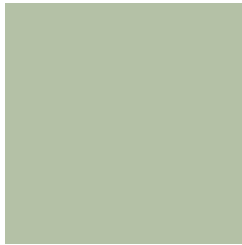
9.4922, 4.1538, 33.8581



0.4897, 0.2205, 1.4666

Previews

White Background



This preview shows how the XYZ color 44.7753, 50.5964, 43.4826 looks on a white background.

Color Contrast Check

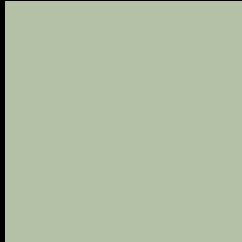
Large Text (above 18pt) WCAG AA × Fail

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 44.7753, 50.5964, 43.4826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

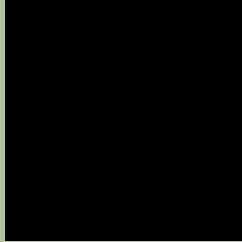
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

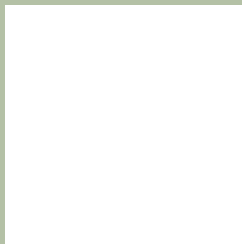
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.7753, 50.5964, 43.4826

Background



This preview shows how black text looks on a background with the XYZ color 44.7753, 50.5964, 43.4826.



This preview shows how white text looks on a background with the XYZ color 44.7753, 50.5964,

43.4826.

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

44.7753, 50.5964, 43.4826

Protanopia

47.6200, 50.4811, 41.8843

Deuteranopia

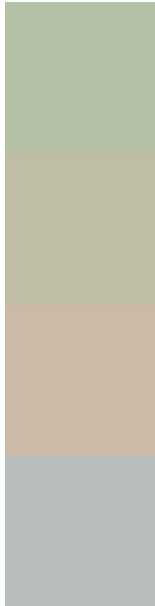
51.5274, 50.5792, 44.0928



Tritanopia

49.0124, 50.7173, 63.7061

Trichromacy



Original Color

44.7753, 50.5964, 43.4826

Protanomaly

46.6002, 50.5836, 42.4295

Deuteranomaly

48.8911, 50.4644, 43.7230

Tritanomaly

47.4749, 50.7350, 56.0058

Monochromacy



Original Color

44.7753, 50.5964, 43.4826

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.1014, 49.8402, 49.8381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7753, 50.5964, 43.4826 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(180, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(180, 193, 166)  
}
```

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(180, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 193, 166) }
```

Border

The CSS property to change the border of an element to XYZ 44.7753, 50.5964, 43.4826 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(180, 193, 166) }
```


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

```
.border{ border-color:rgb(180, 193, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 193, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 193, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 193, 166);  
box-shadow:4px 4px 4px 4px rgb(180, 193,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7753, 50.5964, 43.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 193, 166) }
```

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

```
.background{ background-color: rgb(180,  
193, 166) }
```

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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