

Converting Colors

XYZ(44.3779, 50.3904, 43.5584)

Have a look what the booklet for
XYZ(44.3779, 50.3904, 43.5584)
contains.

XYZ(44.3130, 50.3581, 43.4609)	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(44.3130, 50.3581,
43.4609)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C1A6
RGB	178, 193, 166
RGB Percent	70%, 76%, 65%
CMY	0.3020, 0.2431, 0.3490
CMYK	0.08, 0.00, 0.14, 0.24
HSL	93°, 18%, 70%
HSV	93°, 14%, 76%
XYZ	44.3130, 50.3581, 43.4609
YIQ	185.4370, -0.2730, -11.5770

Conversions

Conversions Part 2

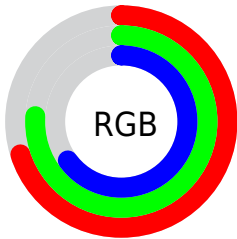
Format	Color
RYB	166, 193, 181
Decimal	11714982
CIELab	76.29, -10.09, 11.86
CIElCh	76, 15.573, 130.390
Yxy	50.3581, 0.3208, 0.3646
Android (android.graphics.Color)	4289905062 (0xFFB2C1A6)
YUV	185.4370, -9.5824, -6.5222
Hunter-Lab	70.9634, -12.7220, 13.3628

Details

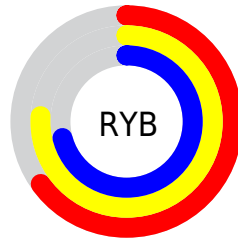
The XYZ color **44.3130, 50.3581, 43.4609** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3199, 40.9478, 56.1280**, and the grayscale version is **46.4105, 48.8275, 53.1731**.

A 20% lighter version of the original color is **80.8585, 90.4642, 81.6063**, and **20.7273, 24.0401, 19.4673** is the 20% darker color. If you saturate the color by 10%, you get **40.3090, 48.4849, 34.7149**, and if you desaturate by 10%, it is **48.7779, 52.4412, 53.6175**.

Distribution



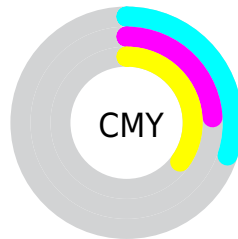
- Red (70%)
- Green (76%)
- Blue (65%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3130, 50.3581, 43.4609 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 44.3130, 50.3581, 43.4609 by changing the saturation by 10% instead.

■ 44.3130, 50.3581,
43.4609

■ 44.3130, 50.3581,
43.4609

354.8147,
388.0647, 376.4806

■ 31.1156, 35.6980,
29.9128

■ 80.9320, 90.7052,
81.6997

■ 20.8392, 24.2011,
19.5209

■ 105.0842,
117.1611, 107.2276

■ 13.1183, 15.4828,
11.8667

133.6189,
148.3176, 137.5857

■ 7.5876, 9.1589,
6.5315

166.9012,
184.5592, 173.1928

■ 3.8818, 4.8450,
3.0969

205.2966,
226.2704, 214.4672

■ 1.6355, 2.1566,
1.1443

249.1704,

■ 0.4154, 0.6962,

273.8354, 261.8277

0.0000

298.8880,
327.6387, 315.6926

■ 0.0000, 0.0000,
0.0000

■ 44.3130, 50.3581,
43.4609

■ 44.3130, 50.3581,
43.4609

■ 40.3090, 48.4849,
34.7149

■ 48.7779, 52.4412,
53.6175

■ 36.7455, 46.8080,
27.3140

■ 53.7149, 54.7341,
65.2400

■ 33.6068, 45.3222,
21.1921

■ 59.1398, 57.2455,
78.3844

■ 30.8744, 44.0195,
16.2765

■ 65.0666, 59.9812,
93.1032

■ 28.5282, 42.8914,
12.4871

■ 70.2766, 62.4543,
102.9586

■ 26.5460, 41.9285,
9.7340

■ 73.8572, 64.3002,
103.1262

■ 24.9029, 41.1200,
7.9137

■ 77.6538, 66.2574,
103.3039

■ 23.5695, 40.4537,
6.9012

■ 78.3610, 66.6220,
103.3370

■ 22.8872, 40.1093,
6.5356

Harmonies

Analogous

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



46.8573, 50.3581, 40.4719



44.3130, 50.3581, 43.4609



42.7615, 50.3581, 49.6038

Triad

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



44.3130, 50.3581, 43.4609



46.0019, 50.3581, 71.4376



53.6086, 50.3581, 51.9791

Complementary

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



44.3130, 50.3581, 43.4609



42.3199, 40.9478, 56.1280

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.



53.3568, 50.3581, 60.4140



44.3130, 50.3581, 43.4609



48.8848, 50.3581, 72.2396

Square

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



44.3130, 50.3581, 43.4609



43.7088, 50.3581, 65.9387



51.5995, 50.3581, 68.0300



52.2743, 50.3581, 45.0472

Rectangle

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



44.3130, 50.3581, 43.4609



42.4599, 50.3581, 54.9409



51.5995, 50.3581, 68.0300



53.7079, 50.3581, 54.7220

Sweetspot

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



44.3144, 50.3603, 43.4620



87.2968, 93.8897, 95.8848



45.3706, 47.0794, 42.7730



18.5916, 20.0790, 20.2550



92.9021, 97.7402, 106.4391



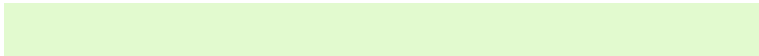
19.4759, 20.4902, 22.3138

Same Dimension

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



44.3144, 50.3603, 43.4620



76.9248, 89.0510, 72.4333



41.8048, 49.0522, 43.9946



10.3598, 11.4729, 10.7304



15.3109, 26.7219, 4.3509



0.7407, 1.1954, 0.1917

Inverse Universe

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



42.3199, 40.9478, 56.1280



72.6156, 68.7164, 99.7966



45.1062, 42.4015, 55.4756



10.0514, 10.0177, 12.6887



10.5472, 4.6977, 33.9075



0.5340, 0.2433, 1.4687

Previews

White Background



This preview shows how the XYZ color 44.3130, 50.3581, 43.4609 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 44.3130, 50.3581, 43.4609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

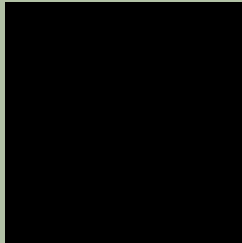
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

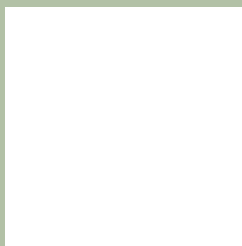
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3130, 50.3581, 43.4609

Background



This preview shows how black text looks on a background with the XYZ color 44.3130, 50.3581, 43.4609.



This preview shows how white text looks on a background with the XYZ color 44.3130, 50.3581,

43.4609.

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

44.3130, 50.3581, 43.4609

Protanopia

47.4071, 50.0553, 41.8133

Deuteranopia

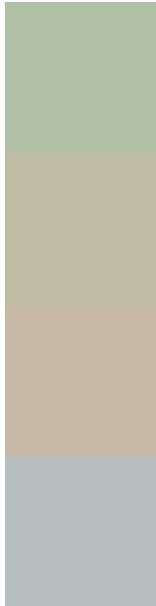
51.0323, 50.0210, 44.0111



Tritanopia

48.5299, 50.4686, 63.6835

Trichromacy



Original Color

44.3130, 50.3581, 43.4609

Protanomaly

46.1336, 50.0227, 42.3458

Deuteranomaly

48.1434, 49.7673, 43.6278

Tritanomaly

46.9991, 50.4897, 55.9836

Monochromacy



Original Color

44.3130, 50.3581, 43.4609

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.3105, 49.1259, 49.2136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3130, 50.3581, 43.4609 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(178, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 193, 166) }
```

Border

The CSS property to change the border of an element to XYZ 44.3130, 50.3581, 43.4609 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(178, 193, 166) }
```


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

```
.border{ border-color:rgb(178, 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(178, 193, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 193, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 193, 166);  
box-shadow:4px 4px 4px 4px rgb(178, 193,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3130, 50.3581, 43.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 193, 166) }
```

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

```
.background{ background-color: rgb(178,  
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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