

Converting Colors

XYZ(44.2993, 52.4363, 38.8593)

Have a look what the booklet for
XYZ(44.2993, 52.4363, 38.8593)
contains.

XYZ(44.2443, 52.4435, 38.8010)	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(44.2443, 52.4435,
38.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C79B
RGB	176, 199, 155
RGB Percent	69%, 78%, 61%
CMY	0.3098, 0.2196, 0.3922
CMYK	0.12, 0.00, 0.22, 0.22
HSL	91°, 28%, 69%
HSV	91°, 22%, 78%
XYZ	44.2443, 52.4435, 38.8010
YIQ	187.1070, 0.4160, -18.5600

Conversions

Conversions Part 2

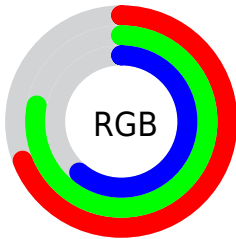
Format	Color
RYB	155, 199, 178
Decimal	11585435
CIELab	77.55, -15.71, 19.49
CIELCh	78, 25.033, 128.866
Yxy	52.4435, 0.3266, 0.3871
Android (android.graphics.Color)	4289775515 (0xFFB0C79B)
YUV	187.1070, -15.8288, -9.7408
Hunter-Lab	72.4179, -17.6753, 18.9253

Details

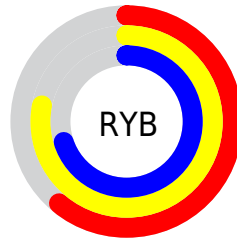
The XYZ color **44.2443, 52.4435, 38.8010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3923, 37.0326, 59.0547**, and the grayscale version is **47.3820, 49.8495, 54.2862**.

A 20% lighter version of the original color is **80.6716, 93.3289, 74.7352**, and **20.7925, 25.4612, 16.9153** is the 20% darker color. If you saturate the color by 10%, you get **40.4463, 50.6646, 30.6066**, and if you desaturate by 10%, it is **48.5008, 54.4301, 48.4569**.

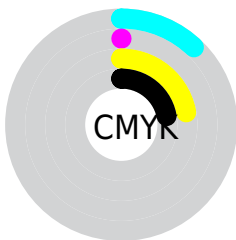
Distribution



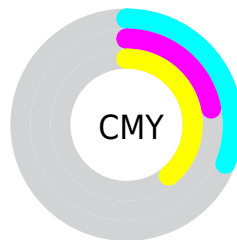
- Red (69%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2443, 52.4435, 38.8010 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 44.2443, 52.4435, 38.8010 by changing the saturation by 10% instead.

■ 44.2443, 52.4435,
38.8010

■ 44.2443, 52.4435,
38.8010

354.5397,
396.1464, 356.4444

■ 31.0613, 37.3587,
26.2983

■ 80.8293, 93.7850,
74.5512

■ 20.7976, 25.4853,
16.8192

■ 104.9621,
120.8105, 98.6358

■ 13.0878, 16.4390,
9.9451

133.4755,
152.5849, 127.4181

■ 7.5664, 9.8353,
5.2574

166.7349,
189.4928, 161.3167

■ 3.8682, 5.2899,
2.3377

205.1057,
231.9185, 200.7501

■ 1.6279, 2.4184,
0.7522

248.9531,

■ 0.4105, 0.8353,

280.2464, 246.1368

0.0000

298.6427,
334.8609, 297.8954

■ 0.0000, 0.0000,
0.0000

■ 44.2443, 52.4435,
38.8010

■ 44.2443, 52.4435,
38.8010

■ 40.4463, 50.6646,
30.6066

■ 48.5008, 54.4301,
48.4569

■ 37.0853, 49.0791,
23.7989

■ 53.2282, 56.6246,
59.6370

■ 34.1438, 47.6813,
18.3020

■ 58.4434, 59.0359,
72.4049

■ 31.6014, 46.4626,
14.0312

■ 64.1611, 61.6704,
86.8192

■ 29.4358, 45.4134,
10.8917

■ 70.3955, 64.5341,
102.9357

■ 27.6216, 44.5232,
8.7751

■ 73.8763, 66.3193,
103.5149

■ 26.1295, 43.7794,
7.5516

■ 77.4793, 68.1767,
103.6836

■ 25.1406, 43.2802,
7.0289

■ 79.7145, 69.3290,
103.7882

Harmonies

Analogous

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



48.4287, 52.4435, 34.6542



44.2443, 52.4435, 38.8010



41.6783, 52.4435, 48.0421

Triad

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



44.2443, 52.4435, 38.8010



46.5731, 52.4435, 85.6657



59.5931, 52.4435, 53.1013

Complementary

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



44.2443, 52.4435, 38.8010



40.3923, 37.0326, 59.0547

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.



59.0166, 52.4435, 67.2349



44.2443, 52.4435, 38.8010



51.2906, 52.4435, 87.6074

Square

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



44.2443, 52.4435, 38.8010



42.9612, 52.4435, 75.4641



55.9016, 52.4435, 80.4067



57.4296, 52.4435, 41.9899

Rectangle

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



44.2443, 52.4435, 38.8010



41.1281, 52.4435, 56.5776



55.9016, 52.4435, 80.4067



59.7161, 52.4435, 57.6298

Sweetspot

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



44.2457, 52.4458, 38.8021



88.9578, 97.1761, 94.3040



45.3390, 46.2454, 37.5477



18.9325, 20.7495, 19.9295



0.0000, 0.0000, 0.0000



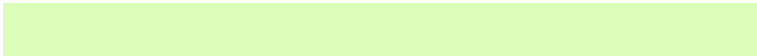
20.3446, 21.4041, 23.3091

Same Dimension

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



44.2457, 52.4458, 38.8021



73.8543, 90.1326, 60.0428



39.9207, 50.2090, 38.9223



10.9709, 12.1319, 11.3262



16.2650, 27.8802, 4.5242



0.8537, 1.3632, 0.2181

Inverse Universe

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



40.3923, 37.0326, 59.0547



65.8087, 57.9533, 102.3254



45.5004, 39.6757, 58.8503



10.5769, 10.5557, 13.3975



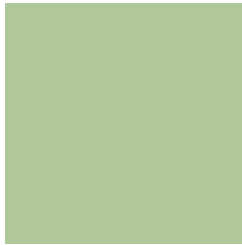
10.4040, 4.5977, 35.0835



0.5759, 0.2606, 1.6651

Previews

White Background



This preview shows how the XYZ color 44.2443, 52.4435, 38.8010 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 44.2443, 52.4435, 38.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

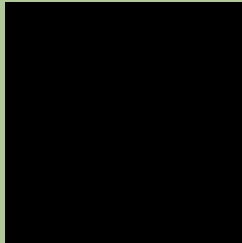
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2443, 52.4435, 38.8010

Background



This preview shows how black text looks on a background with the XYZ color 44.2443, 52.4435, 38.8010.



This preview shows how white text looks on a background with the XYZ color 44.2443, 52.4435,

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

44.2443, 52.4435, 38.8010

Protanopia

48.8453, 52.1925, 36.7779

Deuteranopia

53.1308, 52.1218, 39.6080



Tritanopia

49.8793, 52.3946, 66.5157

Trichromacy



Original Color

44.2443, 52.4435, 38.8010

Protanomaly

46.9516, 52.1880, 37.3044

Deuteranomaly

49.4602, 51.8086, 39.2915

Tritanomaly

47.6483, 52.4848, 55.1962

Monochromacy



Original Color

44.2443, 52.4435, 38.8010

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.8971, 50.4240, 47.8712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2443, 52.4435, 38.8010 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(176, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(176, 199, 155)  
}
```

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(176, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 199, 155) }
```

Border

The CSS property to change the border of an element to XYZ 44.2443, 52.4435, 38.8010 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(176, 199, 155) }
```


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

```
.border{ border-color:rgb(176, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(176, 199,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2443, 52.4435, 38.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 199, 155) }
```

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

```
.background{ background-color: rgb(176,  
199, 155) }
```

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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