

Converting Colors

XYZ(43.3390, 50.2592, 39.1606)

Have a look what the booklet for
XYZ(43.3390, 50.2592, 39.1606)
contains.

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Color

**XYZ(43.2821, 50.2480,
39.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C29D
RGB	176, 194, 157
RGB Percent	69%, 76%, 62%
CMY	0.3098, 0.2392, 0.3843
CMYK	0.09, 0.00, 0.19, 0.24
HSL	89°, 23%, 69%
HSV	89°, 19%, 76%
XYZ	43.2821, 50.2480, 39.3159
YIQ	184.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

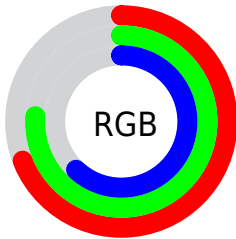
Format	Color
RYB	157, 194, 175
Decimal	11584157
CIELab	76.22, -12.83, 16.58
CIElCh	76, 20.968, 127.729
Yxy	50.2480, 0.3258, 0.3782
Android (android.graphics.Color)	4289774237 (0xFFB0C29D)
YUV	184.4000, -13.5082, -7.3668
Hunter-Lab	70.8858, -15.0601, 16.7356

Details

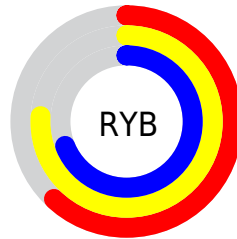
The XYZ color **43.2821, 50.2480, 39.3159** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4757, 37.1243, 56.1267**, and the grayscale version is **45.8543, 48.2423, 52.5359**.

A 20% lighter version of the original color is **79.6596, 90.9036, 75.6350**, and **20.1480, 24.0077, 17.2077** is the 20% darker color. If you saturate the color by 10%, you get **39.6953, 48.5769, 31.1777**, and if you desaturate by 10%, it is **47.2831, 52.1052, 48.8484**.

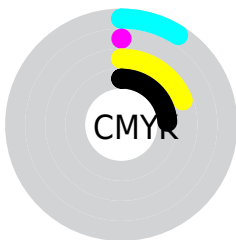
Distribution



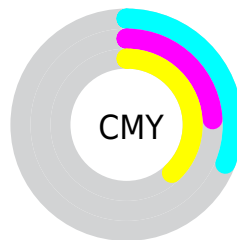
- Red (69%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2821, 50.2480, 39.3159 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 43.2821, 50.2480, 39.3159 by changing the saturation by 10% instead.

■ 43.2821, 50.2480,
39.3159

■ 43.2821, 50.2480,
39.3159

350.6725,
387.6350, 358.6977

■ 30.3020, 35.6105,
26.6958

■ 79.3894, 90.5422,
75.3463

■ 20.2171, 24.1335,
17.1145

■ 103.2474,
116.9677, 99.5937

■ 12.6622, 15.4327,
10.1533

131.4620,
148.0913, 128.5541

■ 7.2717, 9.1236,
5.3938

164.3987,
184.2975, 162.6458

■ 3.6804, 4.8219,
2.4174

202.4227,
225.9705, 202.2875

■ 1.5230, 2.1431,
0.7959

245.8994,

■ 0.3414, 0.6887,

273.4948, 247.8977

0.0000

295.1942,
327.2549, 299.8949

0.0000, 0.0000,
0.0000

43.2821, 50.2480,
39.3159

43.2821, 50.2480,
39.3159

39.6953, 48.5769,
31.1777

47.2831, 52.1052,
48.8484

36.5033, 47.0788,
24.3653

51.7086, 54.1482,
59.8331

33.6909, 45.7490,
18.8091

56.5739, 56.3848,
72.3284

31.2403, 44.5801,
14.4319

61.8919, 58.8206,
86.3887

29.1320, 43.5637,
11.1481

67.6750, 61.4609,
102.0655

■ 27.3441, 42.6908,
8.8603

■ 70.8285, 63.0681,
103.0480

■ 25.8512, 41.9507,
7.4540

■ 73.9867, 64.6962,
103.1958

■ 24.6122, 41.3267,
6.7313

■ 77.3122, 66.4106,
103.3515

■ 24.5055, 41.2729,
6.6749

■ 78.5828, 67.0656,
103.4109

Harmonies

Analogous

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



46.7500, 50.2480, 35.9441



43.2821, 50.2480, 39.3159



41.1011, 50.2480, 46.9117

Triad

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



43.2821, 50.2480, 39.3159



44.9518, 50.2480, 77.2854



55.6465, 50.2480, 51.8518

Complementary

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



43.2821, 50.2480, 39.3159



39.4757, 37.1243, 56.1267

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.



55.1001, 50.2480, 63.3313



43.2821, 50.2480, 39.3159



48.7829, 50.2480, 79.0844

Square

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



43.2821, 50.2480, 39.3159



42.0276, 50.2480, 69.0542



52.5349, 50.2480, 73.6782



53.9895, 50.2480, 42.5065

Rectangle

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



43.2821, 50.2480, 39.3159



40.5985, 50.2480, 53.8584



52.5349, 50.2480, 73.6782



55.7160, 50.2480, 55.5736

Sweetspot

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



43.2834, 50.2502, 39.3170



87.9665, 95.4629, 94.1429



43.6431, 44.5200, 38.1920



19.1493, 20.8525, 20.3349



0.0000, 0.0000, 0.0000



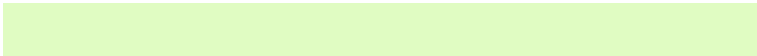
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2834, 50.2502, 39.3170



75.5353, 89.6954, 64.5986



39.4043, 48.2504, 39.1354



10.4265, 11.5073, 10.7335



16.2059, 27.1833, 4.3928



0.7796, 1.2154, 0.1935

Inverse Universe

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



39.4757, 37.1243, 56.1267



67.3398, 61.4431, 100.7803



43.8867, 39.3982, 56.3332



9.9843, 9.9831, 12.6855



9.5575, 4.1875, 33.8611



0.4925, 0.2219, 1.4668

Previews

White Background



This preview shows how the XYZ color 43.2821, 50.2480, 39.3159 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 43.2821, 50.2480, 39.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

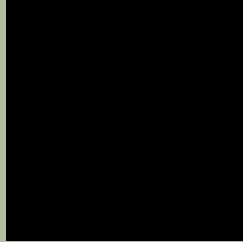
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2821, 50.2480, 39.3159

Background



This preview shows how black text looks on a background with the XYZ color 43.2821, 50.2480, 39.3159.



This preview shows how white text looks on a background with the XYZ color 43.2821, 50.2480,

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

43.2821, 50.2480, 39.3159

Protanopia

47.1562, 50.0159, 37.7405

Deuteranopia

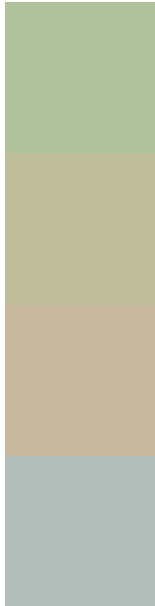
51.1879, 50.1847, 40.2464



Tritanopia

48.2912, 50.3455, 63.6724

Trichromacy



Original Color

43.2821, 50.2480, 39.3159

Protanomaly

45.8157, 50.2698, 38.2986

Deuteranomaly

47.9043, 50.0385, 39.9345

Tritanomaly

46.0988, 50.0754, 53.6902

Monochromacy



Original Color

43.2821, 50.2480, 39.3159

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.6793, 48.8462, 47.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2821, 50.2480, 39.3159 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, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(176, 194, 157)  
}
```

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, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 194, 157) }
```

Border

The CSS property to change the border of an element to XYZ 43.2821, 50.2480, 39.3159 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, 194, 157) }
```


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

```
.border{ border-color:rgb(176, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(176, 194,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2821, 50.2480, 39.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 194, 157) }
```

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

```
.background{ background-color: rgb(176,  
194, 157) }
```

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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