

Converting Colors

XYZ(43.6082, 49.0833, 43.6274)

Have a look what the booklet for
XYZ(43.6082, 49.0833, 43.6274)
contains.

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Color

**XYZ(43.5200, 48.9640,
43.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	B1BEA7
RGB	177, 190, 167
RGB Percent	69%, 75%, 65%
CMY	0.3059, 0.2549, 0.3451
CMYK	0.07, 0.00, 0.12, 0.25
HSL	94°, 15%, 70%
HSV	94°, 12%, 75%
XYZ	43.5200, 48.9640, 43.7165
YIQ	183.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

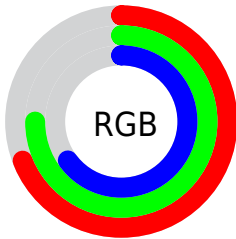
Format	Color
RYB	167, 190, 180
Decimal	11648679
CIELab	75.43, -8.71, 10.09
CIELCh	75, 13.332, 130.807
Yxy	48.9640, 0.3195, 0.3595
Android (android.graphics.Color)	4289838759 (0xFFB1BEA7)
YUV	183.4910, -8.1301, -5.6926
Hunter-Lab	69.9743, -11.4382, 11.9405

Details

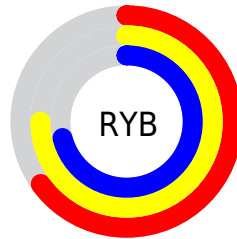
The XYZ color **43.5200, 48.9640, 43.7165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.9372, 41.0598, 54.4327**, and the grayscale version is **45.3240, 47.6844, 51.9283**.

A 20% lighter version of the original color is **79.7449, 88.5091, 81.9882**, and **20.3524, 23.4142, 19.6664** is the 20% darker color. If you saturate the color by 10%, you get **39.5404, 47.1021, 35.0251**, and if you desaturate by 10%, it is **47.9530, 51.0326, 53.7784**.

Distribution



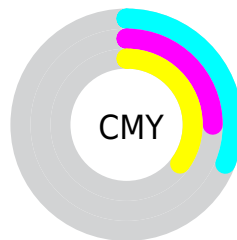
- Red (69%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5200, 48.9640, 43.7165 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 43.5200, 48.9640, 43.7165 by changing the saturation by 10% instead.

■ 43.5200, 48.9640,
43.7165

■ 43.5200, 48.9640,
43.7165

351.6313,
382.6006, 377.5576

■ 30.4896, 34.5909,
30.1121

■ 79.7458, 88.6380,
82.0889

■ 20.3604, 23.3479,
19.6709

103.6719,
114.7077, 107.6940

■ 12.7671, 14.8506,
11.9744

131.9607,
145.4450, 138.1365

■ 7.3443, 8.7146,
6.6039

164.9774,
181.2345, 173.8348

■ 3.7266, 4.5555,
3.1410

203.0875,
222.4603, 215.2075

■ 1.5486, 1.9889,
1.1671

246.6563,

■ 0.3586, 0.6010,

269.5070, 262.6732

0.0000

296.0491,
322.7590, 316.6504

■ 0.0000, 0.0000,
0.0000

■ 43.5200, 48.9640,
43.7165

■ 43.5200, 48.9640,
43.7165

■ 39.5404, 47.1021,
35.0251

■ 47.9530, 51.0326,
53.7784

■ 35.9945, 45.4339,
27.6416

■ 52.8502, 53.3081,
65.2631

■ 32.8671, 43.9543,
21.5037

■ 58.2270, 55.7986,
78.2244

■ 30.1404, 42.6556,
16.5423

■ 64.0968, 58.5100,
92.7119

■ 27.7952, 41.5296,
12.6819

■ 69.3240, 60.9886,
102.7259

■ 25.8102, 40.5672,
9.8380

■ 72.8921, 62.8280,
102.8929

■ 24.1619, 39.7584,
7.9139

■ 76.6765, 64.7789,
103.0700

■ 22.8225, 39.0913,
6.7944

■ 77.7044, 65.3088,
103.1181

■ 21.9463, 38.6495,
6.3034

Harmonies

Analogous

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



45.6589, 48.9640, 41.1001



43.5200, 48.9640, 43.7165



42.2193, 48.9640, 48.9891

Triad

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



43.5200, 48.9640, 43.7165



45.0033, 48.9640, 67.1355



51.3339, 48.9640, 50.8173

Complementary

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



43.5200, 48.9640, 43.7165



41.9372, 41.0598, 54.4327

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.



51.1433, 48.9640, 57.8851



43.5200, 48.9640, 43.7165



47.4300, 48.9640, 67.7343

Square

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



43.5200, 48.9640, 43.7165



43.0546, 48.9640, 62.6507



49.6941, 48.9640, 64.2212



50.2061, 48.9640, 44.9534

Rectangle

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



43.5200, 48.9640, 43.7165



41.9742, 48.9640, 53.5041



49.6941, 48.9640, 64.2212



51.4229, 48.9640, 53.1233

Sweetspot

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



43.5213, 48.9661, 43.7176



85.2553, 91.7112, 93.6791



44.4628, 46.2404, 43.1418



18.5831, 20.0746, 20.2546



92.9021, 97.7402, 106.4391



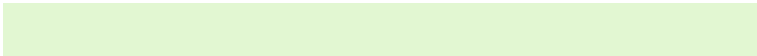
19.4759, 20.4902, 22.3138

Same Dimension

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



43.5213, 48.9661, 43.7176



76.5139, 87.6310, 74.0163



41.4331, 47.8773, 44.1774



9.7916, 10.8470, 10.1542



14.6790, 25.7432, 4.1953



0.6501, 1.0471, 0.1678

Inverse Universe

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



41.9372, 41.0598, 54.4327



72.9767, 69.9782, 97.9400



44.2248, 42.2535, 53.8860



9.5186, 9.4842, 12.0012



10.3357, 4.6143, 32.7388



0.4786, 0.2188, 1.2859

Previews

White Background



This preview shows how the XYZ color 43.5200, 48.9640, 43.7165 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 43.5200, 48.9640, 43.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

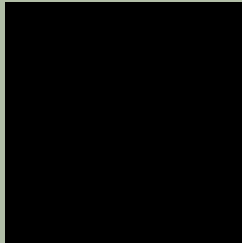
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5200, 48.9640, 43.7165

Background



This preview shows how black text looks on a background with the XYZ color 43.5200, 48.9640, 43.7165.



This preview shows how white text looks on a background with the XYZ color 43.5200, 48.9640,

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

43.5200, 48.9640, 43.7165

Protanopia

46.2979, 48.8476, 42.1103

Deuteranopia

49.8599, 48.8064, 44.3288



Tritanopia

47.0657, 48.8131, 61.5848

Trichromacy



Original Color

43.5200, 48.9640, 43.7165

Protanomaly

45.3009, 48.9486, 42.6577

Deuteranomaly

47.2901, 48.6999, 43.9534

Tritanomaly

45.6698, 48.8748, 54.6037

Monochromacy



Original Color

43.5200, 48.9640, 43.7165

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5508, 48.1159, 48.5342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5200, 48.9640, 43.7165 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(177, 190, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 190, 167)  
}
```

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(177, 190, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 190, 167) }
```

Border

The CSS property to change the border of an element to XYZ 43.5200, 48.9640, 43.7165 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(177, 190, 167) }
```


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

```
.border{ border-color:rgb(177, 190, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 190, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 190, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 190, 167);  
box-shadow:4px 4px 4px 4px rgb(177, 190,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5200, 48.9640, 43.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 190, 167) }
```

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

```
.background{ background-color: rgb(177,  
190, 167) }
```

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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