

Converting Colors

XYZ(43.1340, 48.8859, 56.5985)

Have a look what the booklet for
XYZ(43.1340, 48.8859, 56.5985)
contains.

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Color

**XYZ(43.1390, 48.8097,
56.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BFBF
RGB	163, 191, 191
RGB Percent	64%, 75%, 75%
CMY	0.3608, 0.2510, 0.2510
CMYK	0.15, 0.00, 0.00, 0.25
HSL	180°, 18%, 69%
HSV	180°, 15%, 75%
XYZ	43.1390, 48.8097, 56.4378
YIQ	182.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

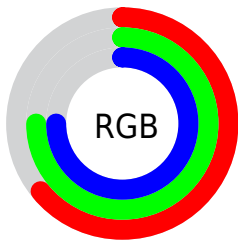
Format	Color
RYB	163, 177, 191
Decimal	10731455
CIELab	75.33, -9.43, -3.19
CIELCh	75, 9.950, 198.680
Yxy	48.8097, 0.2907, 0.3289
Android (android.graphics.Color)	4288921535 (0xFFA3BFBF)
YUV	182.6280, 4.1274, -17.2138
Hunter-Lab	69.8639, -12.0432, 1.0088

Details

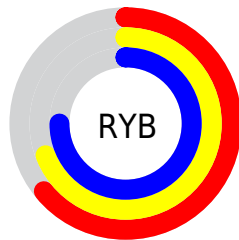
The XYZ color **43.1390, 48.8097, 56.4378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1956, 39.9164, 40.1857**, and the grayscale version is **44.7918, 47.1245, 51.3186**.

A 20% lighter version of the original color is **78.9627, 88.1424, 100.8471**, and **20.2315, 23.3914, 27.4934** is the 20% darker color. If you saturate the color by 10%, you get **39.5200, 46.9453, 56.2684**, and if you desaturate by 10%, it is **47.3515, 50.9826, 56.6370**.

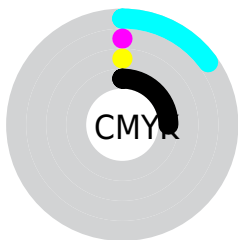
Distribution



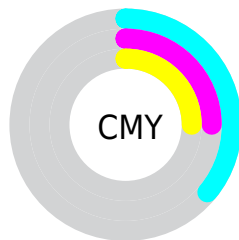
- Red (64%)
- Green (75%)
- Blue (75%)



- Red (64%)
- Yellow (69%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1390, 48.8097, 56.4378 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 43.1390, 48.8097, 56.4378 by changing the saturation by 10% instead.

■ 43.1390, 48.8097,
56.4378

■ 43.1390, 48.8097,
56.4378

350.0949,
381.9927, 428.7739

■ 30.1892, 34.4685,
40.1477

■ 79.1750, 88.4088,
101.1366

■ 20.1310, 23.2538,
27.3391

■ 102.9919,
114.4354, 130.3823

■ 12.5991, 14.7810,
17.5933

131.1618,
145.1261, 164.7837

■ 7.2282, 8.6658,
10.4920

164.0502,
180.8651, 204.7592

■ 3.6528, 4.5239,
5.6165

202.0223,
222.0369, 250.7275

■ 1.5077, 1.9707,
2.5484

245.4436,

■ 0.3310, 0.5904,

269.0258, 303.1070

0.8656

294.6793,
322.2163, 362.3163

■ 0.0000, 0.0000,
0.0000

■ 43.1390, 48.8097,
56.4378

■ 43.1390, 48.8097,
56.4378

■ 39.5200, 46.9453,
56.2684

■ 47.3515, 50.9826,
56.6370

■ 36.4638, 45.3699,
56.1244

■ 52.1781, 53.4708,
56.8639

■ 33.9435, 44.0706,
56.0054

■ 57.6434, 56.2882,
57.1207

■ 31.9283, 43.0317,
55.9100

■ 63.7695, 59.4463,
57.4085

■ 30.3840, 42.2357,
55.8367

■ 69.2768, 62.2854,
57.6672

■ 29.2725, 41.6627,
55.7837

■ 69.2770, 62.2855,
57.6683

■ 28.5496, 41.2901,
55.7488

■ 69.2772, 62.2856,
57.6693

■ 28.1619, 41.0902,
55.7296

■ 69.2774, 62.2857,
57.6704

■ 28.0341, 41.0243,
55.7231

■ 69.2776, 62.2857,
57.6714

Harmonies

Analogous

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



43.0278, 48.8097, 51.1925



43.1390, 48.8097, 56.4378



44.1082, 48.8097, 61.0762

Triad

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



43.1390, 48.8097, 56.4378



49.0845, 48.8097, 60.0784



47.0860, 48.8097, 43.8667

Complementary

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



43.1390, 48.8097, 56.4378



41.1956, 39.9164, 40.1857

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.



48.7537, 48.8097, 45.9328



43.1390, 48.8097, 56.4378



49.9275, 48.8097, 55.1475

Square

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



43.1390, 48.8097, 56.4378



47.5279, 48.8097, 63.2716



49.8049, 48.8097, 49.9837



45.2746, 48.8097, 44.1618

Rectangle

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



43.1390, 48.8097, 56.4378



45.1250, 48.8097, 63.0934



49.8049, 48.8097, 49.9837



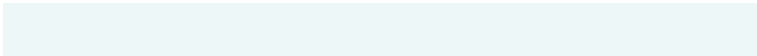
47.6829, 48.8097, 44.3023

Sweetspot

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



43.1404, 48.8117, 56.4389



85.2878, 91.5559, 101.4553



40.4430, 47.7438, 41.7350



18.5927, 20.0349, 22.2723



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.



43.1404, 48.8117, 56.4389



74.7913, 86.1448, 100.9614



40.3241, 43.1786, 55.5015



9.8086, 10.8096, 12.2415



18.4228, 26.9594, 36.6189



0.7216, 1.0560, 1.4345

Inverse Universe

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



41.1956, 39.9164, 40.1857



70.5558, 66.7718, 65.5641



43.7286, 44.9826, 41.0289



9.5302, 9.5364, 9.9152



14.1203, 7.2793, 0.6612



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 43.1390, 48.8097, 56.4378 looks on a white background.

Color Contrast Check

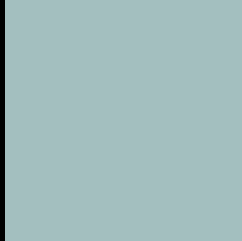
Large Text (above 18pt) WCAG AA × Fail

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 43.1390, 48.8097, 56.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

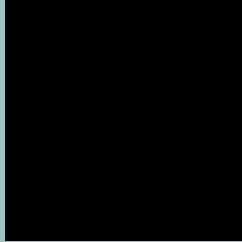
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1390, 48.8097, 56.4378

Background



This preview shows how black text looks on a background with the XYZ color 43.1390, 48.8097, 56.4378.



This preview shows how white text looks on a background with the XYZ color 43.1390, 48.8097,

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

43.1390, 48.8097, 56.4378

Protanopia

46.8492, 48.5602, 53.9175

Deuteranopia

49.5001, 48.6349, 57.2306



Tritanopia

44.6137, 48.7542, 64.1858

Trichromacy



Original Color

43.1390, 48.8097, 56.4378

Protanomaly

45.4378, 48.7552, 54.5928

Deuteranomaly

46.9046, 48.5259, 56.7635

Tritanomaly

44.0321, 48.8429, 61.1397

Monochromacy



Original Color

43.1390, 48.8097, 56.4378

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.3263, 47.8931, 53.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1390, 48.8097, 56.4378 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(163, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(163, 191, 191)  
}
```

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(163, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 191, 191) }
```

Border

The CSS property to change the border of an element to XYZ 43.1390, 48.8097, 56.4378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

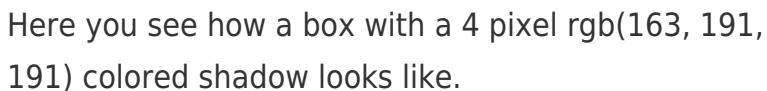
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 191, 191) }
```


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

```
.border{ border-color:rgb(163, 191, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 191, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 191, 191); box-shadow:4px 4px 4px 4px rgb(163, 191, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1390, 48.8097, 56.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 191, 191) }
```

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

```
.background{ background-color: rgb(163,  
191, 191) }
```

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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