

Converting Colors

XYZ(43.7337, 47.4410, 56.7218)

Have a look what the booklet for
XYZ(43.7337, 47.4410, 56.7218)
contains.

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Color

**XYZ(43.8679, 47.5815,
56.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBAC0
RGB	171, 186, 192
RGB Percent	67%, 73%, 75%
CMY	0.3294, 0.2706, 0.2471
CMYK	0.11, 0.03, 0.00, 0.25
HSL	197°, 14%, 71%
HSV	197°, 11%, 75%
XYZ	43.8679, 47.5815, 56.7412
YIQ	182.1990, -10.8660, -1.3140

Conversions

Conversions Part 2

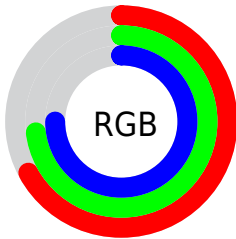
Format	Color
RYB	171, 180, 192
Decimal	11254464
CIELab	74.56, -3.94, -4.81
CIELCh	75, 6.217, 230.631
Yxy	47.5815, 0.2960, 0.3211
Android (android.graphics.Color)	4289444544 (0xFFABBAC0)
YUV	182.1990, 4.8319, -9.8215
Hunter-Lab	68.9793, -7.1955, -0.4854

Details

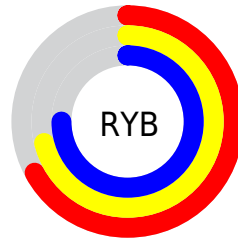
The XYZ color **43.8679, 47.5815, 56.7412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8113, 45.5907, 44.9670**, and the grayscale version is **44.5517, 46.8718, 51.0434**.

A 20% lighter version of the original color is **80.0594, 86.4503, 101.2739**, and **20.6555, 22.5611, 27.6922** is the 20% darker color. If you saturate the color by 10%, you get **38.8530, 43.3154, 56.1828**, and if you desaturate by 10%, it is **49.5375, 52.2535, 57.3449**.

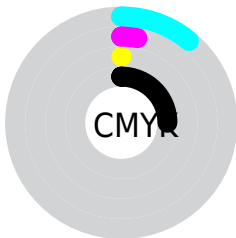
Distribution



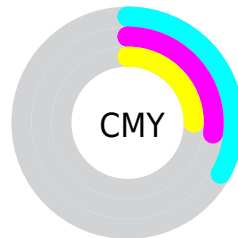
- Red (67%)
- Green (73%)
- Blue (75%)



- Red (67%)
- Yellow (71%)
- Blue (75%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8679, 47.5815, 56.7412 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 43.8679, 47.5815, 56.7412 by changing the saturation by 10% instead.

■ 43.8679, 47.5815,
56.7412

■ 43.8679, 47.5815,
56.7412

353.0303,
377.1309, 429.9454

■ 30.7641, 33.4956,
40.3895

■ 80.2665, 86.5810,
101.5840

■ 20.5703, 22.5064,
27.5263

104.2921,
112.2633, 130.9123

■ 12.9209, 14.2294,
17.7329

132.6889,
142.5799, 165.4032

■ 7.4507, 8.2804,
10.5910

165.8224,
177.9152, 205.4751

■ 3.7944, 4.2749,
5.6818

204.0580,
218.6536, 251.5468

■ 1.5865, 1.8285,
2.5870

247.7609,

■ 0.3836, 0.5048,

265.1794, 304.0367

0.8857

297.2965,
317.8770, 363.3634

■ 0.0000, 0.0000,
0.0000

■ 43.8679, 47.5815,
56.7412

■ 43.8679, 47.5815,
56.7412

■ 38.8530, 43.3154,
56.1828

■ 49.5375, 52.2535,
57.3449

■ 34.4619, 39.4346,
55.6652

■ 55.8825, 57.3389,
57.9921

■ 30.6677, 35.9260,
55.1879

■ 62.9279, 62.8527,
58.6850

■ 27.4396, 32.7727,
54.7494

■ 70.6963, 68.8071,
59.4249

■ 24.7437, 29.9566,
54.3480

■ 74.6546, 72.8659,
59.9997

■ 22.5428, 27.4577,
53.9816

■ 76.0608, 75.6784,
60.4684

■ 20.7940, 25.2532,
53.6483

■ 77.5142, 78.5851,
60.9529

■ 19.4466, 23.3160,
53.3454

■ 79.0151, 81.5869,
61.4532

■ 18.4843, 21.7454,
53.0929

■ 80.5640, 84.6847,
61.9695

Harmonies

Analogous

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



43.2325, 47.5815, 54.0194



43.8679, 47.5815, 56.7412



44.8739, 47.5815, 58.1573

Triad

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



43.8679, 47.5815, 56.7412



47.3905, 47.5815, 52.8222



44.4677, 47.5815, 46.2296

Complementary

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



43.8679, 47.5815, 56.7412



44.8113, 45.5907, 44.9670

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.



45.5775, 47.5815, 45.9388



43.8679, 47.5815, 56.7412



47.2774, 47.5815, 49.6581

Square

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



43.8679, 47.5815, 56.7412



46.9160, 47.5815, 55.8337



46.6094, 47.5815, 47.1697



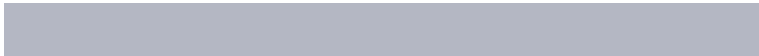
43.5747, 47.5815, 47.9809

Rectangle

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



43.8679, 47.5815, 56.7412



45.6246, 47.5815, 58.1317



46.6094, 47.5815, 47.1697



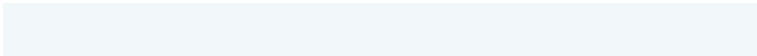
44.8273, 47.5815, 45.9607

Sweetspot

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



43.8693, 47.5835, 56.7423



87.4894, 92.8312, 103.6673



43.5758, 49.5303, 48.8332



18.5855, 19.7650, 22.2208



92.9021, 97.7402, 106.4391



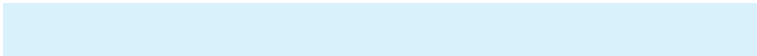
19.4759, 20.4902, 22.3138

Same Dimension

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



43.8693, 47.5835, 56.7423



77.3215, 84.3982, 102.5755



41.7470, 43.3390, 56.0348



10.1176, 10.9266, 12.8606



12.5069, 14.7703, 35.7484



0.5968, 0.7509, 1.5634

Inverse Universe

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



45.1651, 43.8784, 52.5456



80.1288, 76.4727, 93.4611



46.9556, 49.8794, 45.6817



10.3707, 10.1969, 12.0425



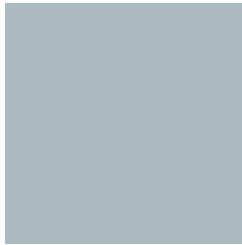
17.7089, 8.7733, 16.9109



0.7936, 0.3904, 0.8805

Previews

White Background



This preview shows how the XYZ color 43.8679, 47.5815, 56.7412 looks on a white background.

Color Contrast Check

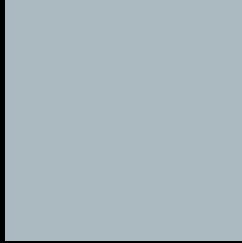
Large Text (above 18pt) WCAG AA × Fail

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 43.8679, 47.5815, 56.7412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

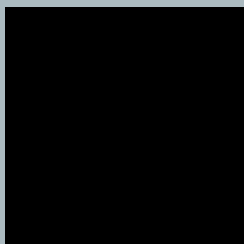
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

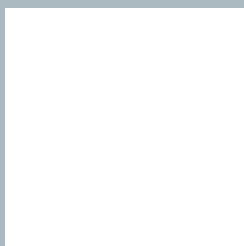
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8679, 47.5815, 56.7412

Background



This preview shows how black text looks on a background with the XYZ color 43.8679, 47.5815, 56.7412.



This preview shows how white text looks on a background with the XYZ color 43.8679, 47.5815,

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

43.8679, 47.5815, 56.7412

Protanopia

46.0298, 47.4879, 55.4552

Deuteranopia

48.4229, 47.4716, 57.6497



Tritanopia

44.6710, 47.5921, 60.8646

Trichromacy



Original Color

43.8679, 47.5815, 56.7412

Protanomaly

45.1598, 47.3319, 56.0460

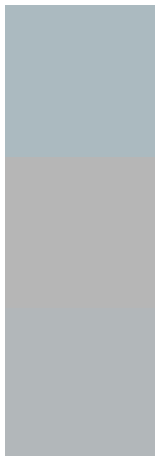
Deuteranomaly

46.6430, 47.4628, 57.1550

Tritanomaly

44.3260, 47.4541, 59.0479

Monochromacy



Original Color

43.8679, 47.5815, 56.7412

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.1565, 46.8771, 53.1753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8679, 47.5815, 56.7412 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(171, 186, 192)` looks like.

```
.text, #text, p{  
    color:rgb(171, 186, 192)  
}
```

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(171, 186, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 186, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.8679, 47.5815, 56.7412 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(171, 186, 192) }
```


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

```
.border{ border-color:rgb(171, 186, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 186, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 186, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 186, 192);  
box-shadow:4px 4px 4px 4px rgb(171, 186,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8679, 47.5815, 56.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 186, 192) }
```

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

```
.background{ background-color: rgb(171,  
186, 192) }
```

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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