

Converting Colors

XYZ(43.1193, 48.6110, 56.9221)

Have a look what the booklet for
XYZ(43.1193, 48.6110, 56.9221)
contains.

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Color

**XYZ(43.0321, 48.4192,
56.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BEC0
RGB	163, 190, 192
RGB Percent	64%, 75%, 75%
CMY	0.3608, 0.2549, 0.2471
CMYK	0.15, 0.01, 0.00, 0.25
HSL	184°, 19%, 70%
HSV	184°, 15%, 75%
XYZ	43.0321, 48.4192, 56.9470
YIQ	182.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

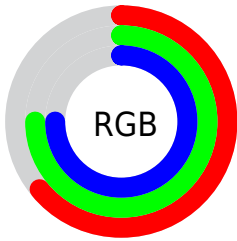
Format	Color
RYB	163, 177, 192
Decimal	10731200
CIELab	75.09, -8.69, -4.09
CIELCh	75, 9.605, 205.200
Yxy	48.4192, 0.2900, 0.3263
Android (android.graphics.Color)	4288921280 (0xFFA3BEC0)
YUV	182.1550, 4.8536, -16.7989
Hunter-Lab	69.5839, -11.3838, 0.1862

Details

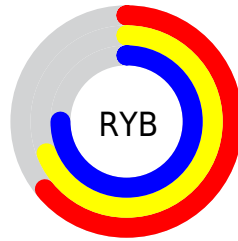
The XYZ color **43.0321, 48.4192, 56.9470** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8045, 40.7609, 40.3154**, and the grayscale version is **44.5299, 46.8489, 51.0184**.

A 20% lighter version of the original color is **78.8125, 87.5943, 101.5605**, and **20.1614, 23.1349, 27.8290** is the 20% darker color. If you saturate the color by 10%, you get **39.1107, 45.9757, 56.6828**, and if you desaturate by 10%, it is **47.5557, 51.1796, 57.2422**.

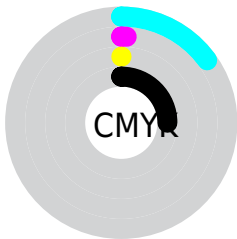
Distribution



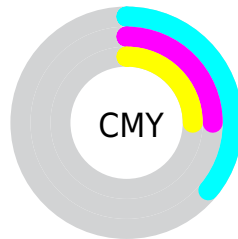
- Red (64%)
- Green (75%)
- Blue (75%)



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



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0321, 48.4192, 56.9470 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 43.0321, 48.4192, 56.9470 by changing the saturation by 10% instead.

■ 43.0321, 48.4192,
56.9470

■ 43.0321, 48.4192,
56.9470

349.6630,
380.4513, 430.7389

■ 30.1049, 34.1590,
40.5536

■ 79.0147, 87.8282,
101.8874

■ 20.0667, 23.0158,
27.6534

■ 102.8009,
113.7458, 131.2715

■ 12.5521, 14.6051,
17.8278

130.9374,
144.3180, 165.8230

■ 7.1957, 8.5427,
10.6583

163.7896,
179.9291, 205.9603

■ 3.6322, 4.4442,
5.7263

201.7230,
220.9636, 252.1019

■ 1.4962, 1.9250,
2.6133

245.1027,

■ 0.3233, 0.5633,

267.8059, 304.6666

0.8993

294.2943,
320.8404, 364.0727

■ 0.0000, 0.0000,
0.0000

■ 43.0321, 48.4192,
56.9470

■ 43.0321, 48.4192,
56.9470

■ 39.1107, 45.9757,
56.6828

■ 47.5557, 51.1796,
57.2422

■ 35.7606, 43.8292,
56.4451

■ 52.7026, 54.2639,
57.5662

■ 32.9542, 41.9668,
56.2335

■ 58.4977, 57.6863,
57.9214

■ 30.6602, 40.3725,
56.0467

■ 64.9636, 61.4584,
58.3087

■ 28.8439, 39.0282,
55.8829

■ 70.6337, 64.8241,
58.6595

■ 27.4664, 37.9139,
55.7405

■ 70.9346, 65.4258,
58.7597

■ 26.4826, 37.0064,
55.6171

■ 71.2380, 66.0327,
58.8609

■ 25.8377, 36.2774,
55.5104

■ 71.5441, 66.6450,
58.9629

■ 25.5902, 35.9570,
55.4616

■ 71.8529, 67.2625,
59.0659

Harmonies

Analogous

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



42.7367, 48.4192, 51.9150



43.0321, 48.4192, 56.9470



44.1202, 48.4192, 61.0688

Triad

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



43.0321, 48.4192, 56.9470



48.8505, 48.4192, 58.4356



46.3042, 48.4192, 43.6568

Complementary

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



43.0321, 48.4192, 56.9470



41.8045, 40.7609, 40.3154

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.



47.9756, 48.4192, 45.1696



43.0321, 48.4192, 56.9470



49.4694, 48.4192, 53.5338

Square

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



43.0321, 48.4192, 56.9470



47.4741, 48.4192, 61.9658



49.1452, 48.4192, 48.7081



44.5978, 48.4192, 44.4434

Rectangle

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



43.0321, 48.4192, 56.9470



45.1636, 48.4192, 62.6361



49.1452, 48.4192, 48.7081



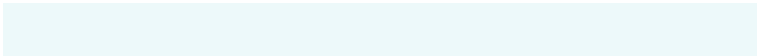
46.8892, 48.4192, 43.9104

Sweetspot

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



43.0335, 48.4212, 56.9481



86.1879, 92.7459, 103.7195



40.7401, 48.2008, 42.7227



18.3577, 19.8170, 22.2428



92.9021, 97.7402, 106.4391



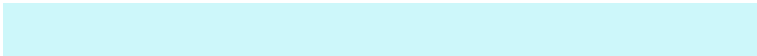
19.4759, 20.4902, 22.3138

Same Dimension

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



43.0335, 48.4212, 56.9481



75.5941, 86.2638, 103.0266



40.0600, 42.4741, 55.9569



10.3073, 11.3058, 12.9238



17.2425, 24.2415, 37.3269



0.7631, 1.0837, 1.6188

Inverse Universe

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



44.1308, 41.1195, 54.3284



77.9582, 70.6321, 97.3601



44.5570, 46.2658, 41.2329



10.4664, 10.2352, 12.5465



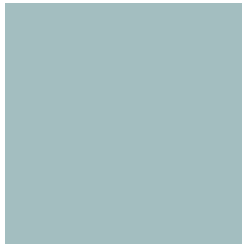
20.0992, 9.7294, 29.4981



0.8776, 0.4240, 1.3227

Previews

White Background



This preview shows how the XYZ color 43.0321, 48.4192, 56.9470 looks on a white background.

Color Contrast Check

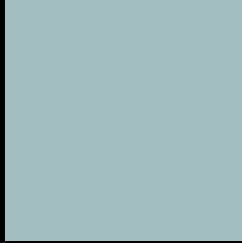
Large Text (above 18pt) WCAG AA × Fail

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 43.0321, 48.4192, 56.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

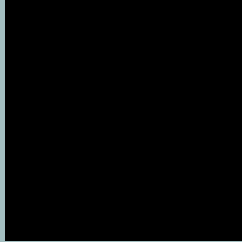
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0321, 48.4192, 56.9470

Background



This preview shows how black text looks on a background with the XYZ color 43.0321, 48.4192, 56.9470.



This preview shows how white text looks on a background with the XYZ color 43.0321, 48.4192,

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

43.0321, 48.4192, 56.9470

Protanopia

46.7111, 48.4766, 54.4719

Deuteranopia

49.1464, 48.1410, 57.7408



Tritanopia

44.2798, 48.2776, 63.4846

Trichromacy



Original Color

43.0321, 48.4192, 56.9470

Protanomaly

45.1043, 48.2569, 55.0814

Deuteranomaly

46.5667, 48.0315, 57.2688

Tritanomaly

43.8162, 48.4112, 61.0678

Monochromacy



Original Color

43.0321, 48.4192, 56.9470

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8911, 47.3571, 53.2819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0321, 48.4192, 56.9470 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, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 190, 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(163, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 190, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.0321, 48.4192, 56.9470 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, 190, 192) }
```


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

```
.border{ border-color:rgb(163, 190, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 190, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 190,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0321, 48.4192, 56.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 190, 192) }
```

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

```
.background{ background-color: rgb(163,  
190, 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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