

Converting Colors

XYZ(43.6306, 49.2425, 55.7892)

Have a look what the booklet for
XYZ(43.6306, 49.2425, 55.7892)
contains.

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Color

**XYZ(43.6610, 49.4163,
55.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C0BE
RGB	165, 192, 190
RGB Percent	65%, 75%, 75%
CMY	0.3529, 0.2470, 0.2549
CMYK	0.14, 0.00, 0.01, 0.25
HSL	176°, 18%, 70%
HSV	176°, 14%, 75%
XYZ	43.6610, 49.4163, 55.9523
YIQ	183.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

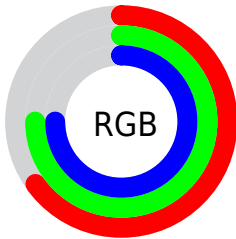
Format	Color
RYB	165, 179, 192
Decimal	10862782
CIELab	75.71, -9.51, -2.08
CIELCh	76, 9.730, 192.314
Yxy	49.4163, 0.2930, 0.3316
Android (android.graphics.Color)	4289052862 (0xFFA5C0BE)
YUV	183.6990, 3.1064, -16.3990
Hunter-Lab	70.2967, -12.1537, 2.0162

Details

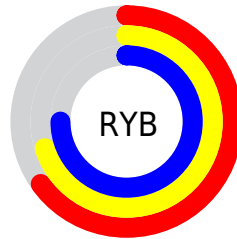
The XYZ color **43.6610, 49.4163, 55.9523** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1703, 40.9082, 42.2350**, and the grayscale version is **45.3846, 47.7482, 51.9977**.

A 20% lighter version of the original color is **79.7172, 89.0043, 100.1668**, and **20.5580, 23.7821, 27.1738** is the 20% darker color. If you saturate the color by 10%, you get **39.8088, 47.4497, 54.9644**, and if you desaturate by 10%, it is **48.1171, 51.6968, 56.9784**.

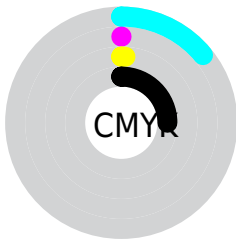
Distribution



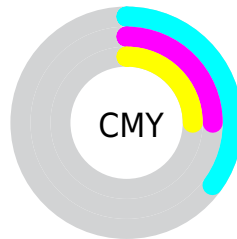
- Red (65%)
- Green (75%)
- Blue (75%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6610, 49.4163, 55.9523 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 43.6610, 49.4163, 55.9523 by changing the saturation by 10% instead.


 43.6610, 49.4163,
55.9523


 43.6610, 49.4163,
55.9523


352.1987,
384.3789, 426.8950

 30.6009, 34.9498,
39.7609

 79.9569, 89.3094,
100.4199

 20.4454, 23.6242,
27.0398


 103.9234,
115.5049, 129.5333

 12.8294, 15.0551,
17.3704


132.2560,
146.3788, 163.7910

 7.3874, 8.8581,
10.3342

165.3201,
182.3156, 203.6118

 3.7540, 4.6487,
5.5126

203.4811,
223.6995, 249.4140

 1.5639, 2.0427,
2.4871

247.1043,

 0.3687, 0.6321,

270.9152, 301.6162

0.8333

296.5550,
324.3468, 360.6370

■ 0.0000, 0.0000,
0.0000

■ 43.6610, 49.4163,
55.9523

■ 43.6610, 49.4163,
55.9523

■ 39.8088, 47.4497,
54.9644

■ 48.1171, 51.6968,
56.9784

■ 36.5297, 45.7769,
54.0103

■ 53.1978, 54.2977,
58.0407

■ 33.7964, 44.3854,
53.0895

■ 58.9282, 57.2334,
59.1414

■ 31.5778, 43.2590,
52.2008

■ 65.3305, 60.5153,
60.2816

■ 29.8396, 42.3802,
51.3423

■ 70.1825, 62.9978,
61.3572

■ 28.5435, 41.7291,
50.5124

■ 70.3466, 63.0635,
62.2215

■ 27.6452, 41.2828,
49.7089

■ 70.5123, 63.1297,
63.0939

■ 27.0910, 41.0138,
48.9293

■ 70.6795, 63.1966,
63.9745

■ 26.8627, 40.9059,
48.4749

■ 70.8483, 63.2641,
64.8632

Harmonies

Analogous

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



43.7412, 49.4163, 50.8444



43.6610, 49.4163, 55.9523



44.4504, 49.4163, 60.7737

Triad

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



43.6610, 49.4163, 55.9523



49.3425, 49.4163, 61.4904



48.0303, 49.4163, 44.8863

Complementary

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



43.6610, 49.4163, 55.9523



42.1703, 40.9082, 42.2350

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.



49.5804, 49.4163, 47.3923



43.6610, 49.4163, 55.9523



50.3512, 49.4163, 56.8804

Square

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



43.6610, 49.4163, 55.9523



47.7123, 49.4163, 64.1056



50.4394, 49.4163, 51.7152



46.2329, 49.4163, 44.6732

Rectangle

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



43.6610, 49.4163, 55.9523



45.3756, 49.4163, 63.0898



50.4394, 49.4163, 51.7152



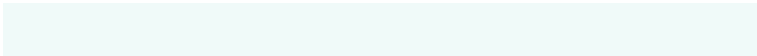
48.5987, 49.4163, 45.4807

Sweetspot

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



43.6624, 49.4184, 55.9534



87.1808, 93.6670, 103.2369



41.6319, 48.6607, 42.7965



18.5632, 20.0231, 22.1170



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.



43.6624, 49.4184, 55.9534



76.7531, 88.3345, 100.7978



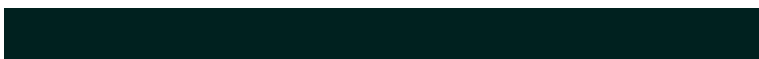
41.5061, 44.7530, 56.3221



10.3353, 11.4152, 12.7688



18.0875, 27.5290, 32.6833



0.7913, 1.1934, 1.4637

Inverse Universe

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



42.1703, 40.9082, 42.2350



73.5063, 69.8150, 70.9458



44.1059, 45.0736, 41.9738



10.1028, 10.0897, 10.6321



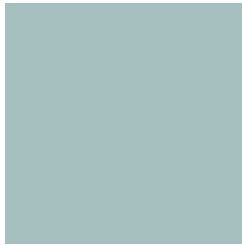
14.6933, 7.5671, 1.0313



0.6455, 0.3312, 0.1005

Previews

White Background



This preview shows how the XYZ color 43.6610, 49.4163, 55.9523 looks on a white background.

Color Contrast Check

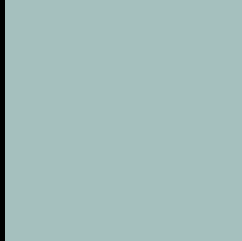
Large Text (above 18pt) WCAG AA × Fail

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 43.6610, 49.4163, 55.9523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

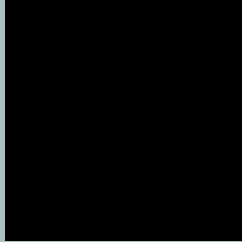
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6610, 49.4163, 55.9523

Background



This preview shows how black text looks on a background with the XYZ color 43.6610, 49.4163, 55.9523.

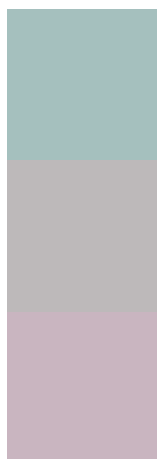


This preview shows how white text looks on a background with the XYZ color 43.6610, 49.4163,

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

43.6610, 49.4163, 55.9523

Protanopia

47.1982, 49.0619, 53.4367

Deuteranopia

50.1257, 49.2710, 56.7375



Tritanopia

45.5813, 49.5595, 64.9212

Trichromacy



Original Color

43.6610, 49.4163, 55.9523

Protanomaly

45.7753, 49.2576, 54.1088

Deuteranomaly

47.4920, 49.1509, 56.2742

Tritanomaly

44.9925, 49.6472, 61.8551

Monochromacy



Original Color

43.6610, 49.4163, 55.9523

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7647, 48.4329, 53.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6610, 49.4163, 55.9523 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(165, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 190)  
}
```

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(165, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.6610, 49.4163, 55.9523 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(165, 192, 190) }
```


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

```
.border{ border-color:rgb(165, 192, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6610, 49.4163, 55.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 190) }
```

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

```
.background{ background-color: rgb(165,  
192, 190) }
```

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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