

Converting Colors

XYZ(43.7392, 49.4476, 56.3646)

Have a look what the booklet for
XYZ(43.7392, 49.4476, 56.3646)
contains.

XYZ(43.7707, 49.4602, 56.5300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.7707, 49.4602,
56.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C0BF
RGB	165, 192, 191
RGB Percent	65%, 75%, 75%
CMY	0.3529, 0.2470, 0.2510
CMYK	0.14, 0.00, 0.01, 0.25
HSL	178°, 18%, 70%
HSV	178°, 14%, 75%
XYZ	43.7707, 49.4602, 56.5300
YIQ	183.8130, -15.7710, -6.0350

Conversions

Conversions Part 2

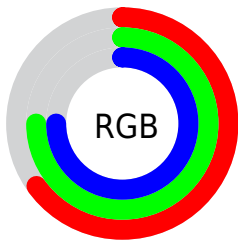
Format	Color
RYB	165, 179, 192
Decimal	10862783
CIELab	75.74, -9.30, -2.58
CIElCh	76, 9.651, 195.492
Yxy	49.4602, 0.2923, 0.3303
Android (android.graphics.Color)	4289052863 (0xFFA5C0BF)
YUV	183.8130, 3.5432, -16.4990
Hunter-Lab	70.3279, -11.9791, 1.5719

Details

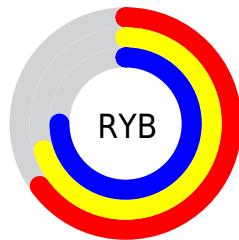
The XYZ color **43.7707, 49.4602, 56.5300** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0781, 40.8714, 41.7499**, and the grayscale version is **45.4453, 47.8119, 52.0672**.

A 20% lighter version of the original color is **79.8711, 89.0658, 100.9775**, and **20.6301, 23.8109, 27.5534** is the 20% darker color. If you saturate the color by 10%, you get **39.9952, 47.5242, 55.9457**, and if you desaturate by 10%, it is **48.1490, 51.7095, 57.1466**.

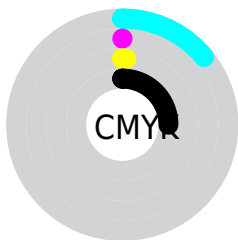
Distribution



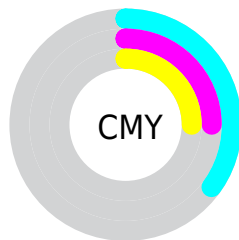
- Red (65%)
- Green (75%)
- Blue (75%)



- 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 43.7707, 49.4602, 56.5300 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 43.7707, 49.4602, 56.5300 by changing the saturation by 10% instead.

■ 43.7707, 49.4602,
56.5300

■ 43.7707, 49.4602,
56.5300

352.6398,
384.5512, 429.1301

■ 30.6874, 34.9847,
40.2212

■ 80.1211, 89.3746,
101.2726

■ 20.5116, 23.6511,
27.3959

■ 104.1189,
115.5822, 130.5434

■ 12.8779, 15.0750,
17.6357

132.4856,
146.4693, 164.9720

■ 7.4209, 8.8720,
10.5221

165.5865,
182.4204, 204.9769

■ 3.7754, 4.6578,
5.6363

203.7870,
223.8197, 250.9766

■ 1.5759, 2.0479,
2.5601

247.4525,

■ 0.3766, 0.6351,

271.0516, 303.3897

0.8717

296.9483,
324.5007, 362.6347

■ 0.0000, 0.0000,
0.0000

■ 43.7707, 49.4602,
56.5300

■ 43.7707, 49.4602,
56.5300

■ 39.9952, 47.5242,
55.9457

■ 48.1490, 51.7095,
57.1466

■ 36.7915, 45.8817,
55.3891

■ 53.1509, 54.2790,
57.7933

■ 34.1326, 44.5199,
54.8600

■ 58.8012, 57.1826,
58.4724

■ 31.9872, 43.4228,
54.3569

■ 65.1223, 60.4320,
59.1849

■ 30.3212, 42.5728,
53.8782

■ 69.8919, 62.8816,
59.8268

■ 29.0961, 41.9501,
53.4221

■ 69.9725, 62.9138,
60.2512

■ 28.2676, 41.5318,
52.9866

■ 70.0535, 62.9462,
60.6777

■ 27.7822, 41.2903,
52.5691

■ 70.1349, 62.9788,
61.1062

■ 27.5942, 41.1985,
52.3268

■ 70.2166, 63.0115,
61.5368

Harmonies

Analogous

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



43.7561, 49.4602, 51.4216



43.7707, 49.4602, 56.5300



44.6385, 49.4602, 61.1945

Triad

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



43.7707, 49.4602, 56.5300



49.5082, 49.4602, 61.0643



47.8781, 49.4602, 44.8626

Complementary

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



43.7707, 49.4602, 56.5300



42.0781, 40.8714, 41.7499

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.



49.4650, 49.4602, 47.1249



43.7707, 49.4602, 56.5300



50.4222, 49.4602, 56.3614

Square

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



43.7707, 49.4602, 56.5300



47.9358, 49.4602, 63.9234



50.4062, 49.4602, 51.2633



46.0970, 49.4602, 44.9014

Rectangle

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



43.7707, 49.4602, 56.5300



45.5969, 49.4602, 63.3310



50.4062, 49.4602, 51.2633



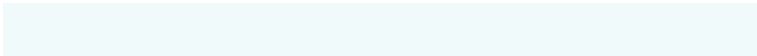
48.4529, 49.4602, 45.3726

Sweetspot

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



43.7721, 49.4623, 56.5311



87.2386, 93.6901, 103.5416



41.4421, 48.5628, 42.7876



18.5779, 20.0290, 22.1945



92.9021, 97.7402, 106.4391



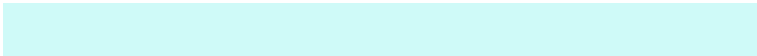
19.4759, 20.4902, 22.3138

Same Dimension

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



43.7721, 49.4623, 56.5311



76.9967, 88.4320, 102.0803



41.3240, 44.3888, 56.2614



10.3519, 11.4218, 12.8562



18.5737, 27.7235, 35.2437



0.8076, 1.1999, 1.5498

Inverse Universe

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



42.0781, 40.8714, 41.7499



73.3105, 69.7367, 69.9148



44.2833, 45.4284, 42.0329



10.0880, 10.0838, 10.5540



14.6602, 7.5538, 0.8567



0.6388, 0.3285, 0.0651

Previews

White Background



This preview shows how the XYZ color 43.7707, 49.4602, 56.5300 looks on a white background.

Color Contrast Check

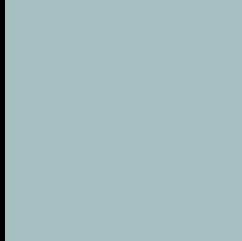
Large Text (above 18pt) WCAG AA × Fail

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 43.7707, 49.4602, 56.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

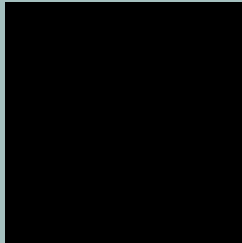
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7707, 49.4602, 56.5300

Background



This preview shows how black text looks on a background with the XYZ color 43.7707, 49.4602, 56.5300.



This preview shows how white text looks on a background with the XYZ color 43.7707, 49.4602,

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

43.7707, 49.4602, 56.5300

Protanopia

47.3049, 49.1046, 53.9986

Deuteranopia

50.2369, 49.3155, 57.3232



Tritanopia

45.5813, 49.5595, 64.9212

Trichromacy



Original Color

43.7707, 49.4602, 56.5300

Protanomaly

45.8827, 49.3006, 54.6746

Deuteranomaly

47.6024, 49.1951, 56.8559

Tritanomaly

44.9925, 49.6472, 61.8551

Monochromacy



Original Color

43.7707, 49.4602, 56.5300

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8714, 48.4756, 54.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7707, 49.4602, 56.5300 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 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(165, 192, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 191) }
```

Border

The CSS property to change the border of an element to XYZ 43.7707, 49.4602, 56.5300 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, 191) }
```


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

```
.border{ border-color:rgb(165, 192, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 191);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7707, 49.4602, 56.5300 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, 191) }
```

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

```
.background{ background-color: rgb(165,  
192, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor