

Converting Colors

XYZ(43.7176, 48.9944, 56.2323)

Have a look what the booklet for
XYZ(43.7176, 48.9944, 56.2323)
contains.

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Color

**XYZ(43.7607, 49.1302,
56.4669)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BFBF
RGB	166, 191, 191
RGB Percent	65%, 75%, 75%
CMY	0.3490, 0.2510, 0.2510
CMYK	0.13, 0.00, 0.00, 0.25
HSL	180°, 16%, 70%
HSV	180°, 13%, 75%
XYZ	43.7607, 49.1302, 56.4669
YIQ	183.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

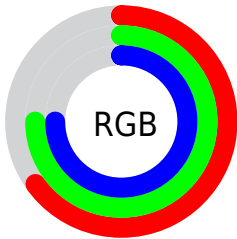
Format	Color
R_{YB}	166, 179, 191
Decimal	10928063
CIE _{Lab}	75.53, -8.45, -2.87
CIE _{LCh}	76, 8.923, 198.766
Yxy	49.1302, 0.2930, 0.3289
Android (android.graphics.Color)	4289118143 (0xFFA6BFBF)
YUV	183.5250, 3.6852, -15.3694
Hunter-Lab	70.0929, -11.2208, 1.3010

Details

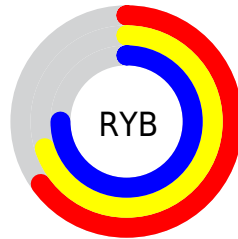
The XYZ color **43.7607, 49.1302, 56.4669** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0068, 41.1034, 41.7984**, and the grayscale version is **45.2855, 47.6439, 51.8842**.

A 20% lighter version of the original color is **79.8681, 88.6091, 100.8895**, and **20.6154, 23.5893, 27.5114** is the 20% darker color. If you saturate the color by 10%, you get **40.0506, 47.2189, 56.2931**, and if you desaturate by 10%, it is **48.0683, 51.3522, 56.6707**.

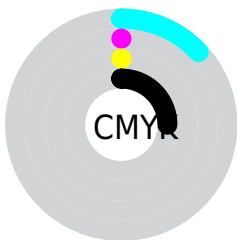
Distribution



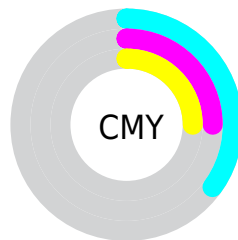
- Red (65%)
- Green (75%)
- Blue (75%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7607, 49.1302, 56.4669 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 43.7607, 49.1302, 56.4669 by changing the saturation by 10% instead.

■ 43.7607, 49.1302,
56.4669

■ 43.7607, 49.1302,
56.4669

352.5996,
383.2547, 428.8863

■ 30.6795, 34.7228,
40.1709

■ 80.1061, 88.8848,
101.1795

■ 20.5056, 23.4494,
27.3570

■ 104.1011,
115.0008, 130.4332

■ 12.8735, 14.9257,
17.6067

132.4647,
145.7884, 164.8431

■ 7.4179, 8.7673,
10.5015

165.5622,
181.6320, 204.8279

■ 3.7734, 4.5897,
5.6228

203.7592,
222.9160, 250.8061

■ 1.5748, 2.0086,
2.5520

247.4208,

■ 0.3759, 0.6125,

270.0249, 303.1962

0.8675

296.9125,
323.3430, 362.4168

■ 0.0000, 0.0000,
0.0000

■ 43.7607, 49.1302,
56.4669

■ 43.7607, 49.1302,
56.4669

■ 40.0506, 47.2189,
56.2931

■ 48.0683, 51.3522,
56.6707

■ 36.9076, 45.5987,
56.1448

■ 52.9937, 53.8913,
56.9024

■ 34.3051, 44.2570,
56.0219

■ 58.5614, 56.7615,
57.1641

■ 32.2126, 43.1784,
55.9228

■ 64.7934, 59.9741,
57.4570

■ 30.5967, 42.3454,
55.8460

■ 69.2770, 62.2855,
57.6680

■ 29.4199, 41.7387,
55.7897

■ 69.2772, 62.2856,
57.6692

■ 28.6392, 41.3363,
55.7520

■ 69.2774, 62.2857,
57.6704

■ 28.2029, 41.1114,
55.7304

■ 69.2776, 62.2858,
57.6715

■ 28.0339, 41.0243,
55.7217

■ 69.2779, 62.2859,
57.6727

Harmonies

Analogous

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



43.6576, 49.1302, 51.7461



43.7607, 49.1302, 56.4669



44.6394, 49.1302, 60.6123

Triad

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



43.7607, 49.1302, 56.4669



49.1202, 49.1302, 59.7009



47.3167, 49.1302, 45.0790

Complementary

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



43.7607, 49.1302, 56.4669



42.0068, 41.1034, 41.7984

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.



48.8164, 49.1302, 46.9568



43.7607, 49.1302, 56.4669



49.8738, 49.1302, 55.2817

Square

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



43.7607, 49.1302, 56.4669



47.7235, 49.1302, 62.5540



49.7613, 49.1302, 50.6282



45.6849, 49.1302, 45.3548

Rectangle

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



43.7607, 49.1302, 56.4669



45.5587, 49.1302, 62.4057



49.7613, 49.1302, 50.6282



47.8537, 49.1302, 45.4746

Sweetspot

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



43.7621, 49.1322, 56.4680



85.2878, 91.5559, 101.4552



41.3286, 48.1690, 43.1966



18.5927, 20.0349, 22.2722



92.9021, 97.7402, 106.4391



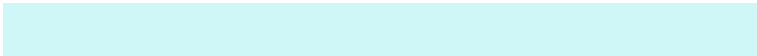
19.4759, 20.4902, 22.3138

Same Dimension

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



43.7621, 49.1322, 56.4680



76.1587, 86.8497, 101.0254



41.2347, 44.0770, 55.6270



9.8086, 10.8095, 12.2415



18.4226, 26.9593, 36.6179



0.7216, 1.0560, 1.4344

Inverse Universe

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



42.0068, 41.1034, 41.7984



72.3400, 69.3826, 69.1110



44.3076, 45.7053, 42.5641



9.5302, 9.5364, 9.9153



14.1203, 7.2793, 0.6613



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 43.7607, 49.1302, 56.4669 looks on a white background.

Color Contrast Check

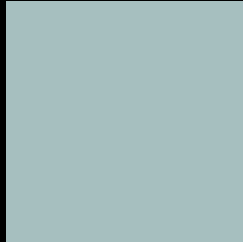
Large Text (above 18pt) WCAG AA × Fail

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 43.7607, 49.1302, 56.4669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

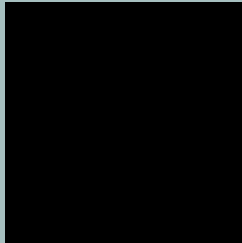
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

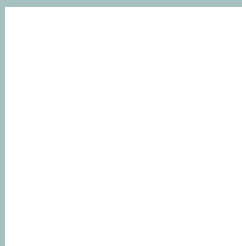
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7607, 49.1302, 56.4669

Background



This preview shows how black text looks on a background with the XYZ color 43.7607, 49.1302, 56.4669.



This preview shows how white text looks on a background with the XYZ color 43.7607, 49.1302,

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

43.7607, 49.1302, 56.4669

Protanopia

47.0576, 48.9771, 53.9870

Deuteranopia

49.7663, 48.7721, 57.2431



Tritanopia

45.2451, 49.0797, 64.2154

Trichromacy



Original Color

43.7607, 49.1302, 56.4669

Protanomaly

45.6698, 48.8748, 54.6037

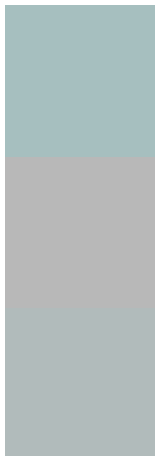
Deuteranomaly

47.3940, 48.7781, 56.7864

Tritanomaly

44.6586, 49.1659, 61.1690

Monochromacy



Original Color

43.7607, 49.1302, 56.4669

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 43.7607, 49.1302, 56.4669 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(166, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 191) }
```

Border

The CSS property to change the border of an element to XYZ 43.7607, 49.1302, 56.4669 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(166, 191, 191) }
```


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

```
.border{ border-color:rgb(166, 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(166, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 191,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7607, 49.1302, 56.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 191) }
```

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

```
.background{ background-color: rgb(166,  
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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