

Converting Colors

XYZ(43.9047, 51.4340, 61.0399)

Have a look what the booklet for
XYZ(43.9047, 51.4340, 61.0399)
contains.

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Color

**XYZ(43.9047, 51.4339,
61.0398)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC6C6
RGB	155, 198, 198
RGB Percent	61%, 78%, 78%
CMY	0.3921, 0.2235, 0.2235
CMYK	0.22, 0.00, 0.00, 0.22
HSL	180°, 27%, 69%
HSV	180°, 22%, 78%
XYZ	43.9047, 51.4339, 61.0398
YIQ	185.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

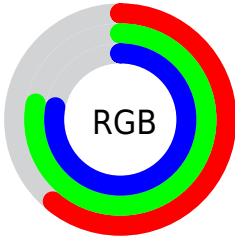
Format	Color
RYB	155, 177, 198
Decimal	10208966
CIELab	76.94, -14.10, -4.67
CIELCh	77, 14.850, 198.316
Yxy	51.4339, 0.2808, 0.3289
Android (android.graphics.Color)	4288399046 (0xFF9BC6C6)
YUV	185.1430, 6.3385, -26.4354
Hunter-Lab	71.7174, -16.2296, -0.2604

Details

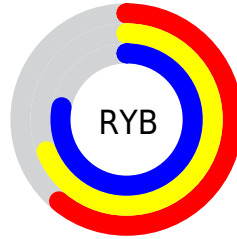
The XYZ color **43.9047, 51.4339, 61.0398** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9283, 37.8165, 36.1546**, and the grayscale version is **46.1709, 48.5754, 52.8986**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **20.6008, 24.8437, 30.0951** is the 20% darker color. If you saturate the color by 10%, you get **40.4122, 49.6348, 60.8768**, and if you desaturate by 10%, it is **48.0233, 53.5584, 61.2343**.

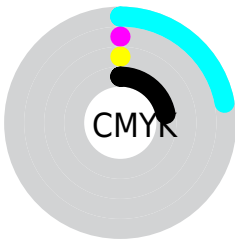
Distribution



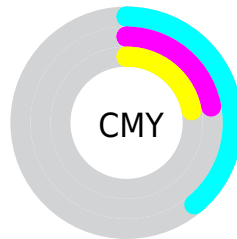
- Red (61%)
- Green (78%)
- Blue (78%)



- Red (61%)
- Yellow (69%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9047, 51.4339, 61.0398 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 43.9047, 51.4339, 61.0398 by changing the saturation by 10% instead.

 43.9047, 51.4339,
61.0398


 43.9047, 51.4339,
61.0398

353.1780,
392.2472, 446.3305

 30.7932, 36.5540,
43.8265

 80.3216, 92.2958,
107.8947

 20.5925, 24.8624,
30.1980


 104.3576,
119.0467, 138.3733

 12.9372, 15.9746,
19.7356

132.7659,
150.5233, 174.1108

 7.4620, 9.5062,
12.0208

165.9117,
187.1102, 215.5258

 3.8016, 5.0728,
6.6351

204.1605,
229.1916, 263.0367

 1.5905, 2.2900,
3.1600

247.8776,

 0.3862, 0.7684,

277.1520, 317.0621

1.1769

297.4283,
331.3757, 378.0205

■ 0.0000, 0.0000,
0.0000

■ 43.9047, 51.4339,
61.0398

■ 43.9047, 51.4339,
61.0398

■ 40.4122, 49.6348,
60.8768

■ 48.0233, 53.5584,
61.2343

■ 37.5111, 48.1392,
60.7403

■ 52.7917, 56.0166,
61.4581

■ 35.1698, 46.9323,
60.6301

■ 58.2380, 58.8243,
61.7137

■ 33.3523, 45.9953,
60.5444

■ 64.3874, 61.9944,
62.0022

■ 32.0184, 45.3077,
60.4813

■ 71.2634, 65.5391,
62.3246

■ 31.1219, 44.8456,
60.4386

■ 71.6289, 65.7275,
62.3424

■ 30.6078, 44.5805,
60.4139

■ 71.6291, 65.7276,
62.3431

■ 30.3872, 44.4668,
60.4030

■ 71.6292, 65.7276,
62.3438

■ 71.6293, 65.7277,
62.3444

Harmonies

Analogous

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



43.7533, 51.4339, 52.9085



43.9047, 51.4339, 61.0398



45.3593, 51.4339, 68.4543

Triad

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



43.9047, 51.4339, 61.0398



53.0601, 51.4339, 67.0084



49.9956, 51.4339, 42.0972

Complementary

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



43.9047, 51.4339, 61.0398



40.9283, 37.8165, 36.1546

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.



52.5917, 51.4339, 45.1608



43.9047, 51.4339, 61.0398



54.4060, 51.4339, 59.2154

Square

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



43.9047, 51.4339, 61.0398



50.6149, 51.4339, 72.1226



54.2313, 51.4339, 51.2508



47.1977, 51.4339, 42.4838

Rectangle

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



43.9047, 51.4339, 61.0398



46.9050, 51.4339, 71.7528



54.2313, 51.4339, 51.2508



50.9227, 51.4339, 42.7446

Sweetspot

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



43.9062, 51.4360, 61.0410



88.7850, 96.7703, 108.6060



39.7676, 49.7965, 38.5271



18.8940, 20.6563, 23.2410



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.9062, 51.4360, 61.0410



74.7213, 89.5202, 107.9455



39.4771, 42.5774, 59.5660



10.9467, 12.0676, 13.6697



19.7607, 28.9167, 39.2800



0.9357, 1.3692, 1.8600

Inverse Universe

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



40.9283, 37.8165, 36.1546



68.5263, 61.1875, 56.1743



44.6898, 45.3399, 37.4075



10.6339, 10.6370, 11.0556



15.1453, 7.8077, 0.7091



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 43.9047, 51.4339, 61.0398 looks on a white background.

Color Contrast Check

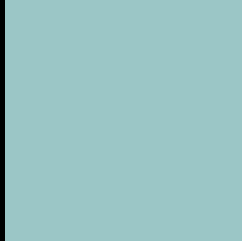
Large Text (above 18pt) WCAG AA × Fail

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 43.9047, 51.4339, 61.0398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

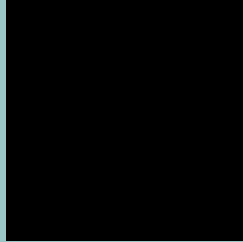
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9047, 51.4339, 61.0398

Background



This preview shows how black text looks on a background with the XYZ color 43.9047, 51.4339, 61.0398.



This preview shows how white text looks on a background with the XYZ color 43.9047, 51.4339,

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

43.9047, 51.4339, 61.0398

Protanopia

49.2359, 50.9787, 57.1140

Deuteranopia

52.3117, 51.1945, 62.3827



Tritanopia

45.7241, 51.5024, 69.8184

Trichromacy



Original Color

43.9047, 51.4339, 61.0398

Protanomaly

47.1776, 51.1780, 58.4308

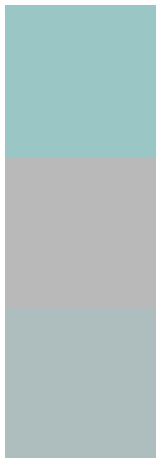
Deuteranomaly

48.8726, 51.0044, 61.9126

Tritanomaly

45.1334, 51.6056, 66.6136

Monochromacy



Original Color

43.9047, 51.4339, 61.0398

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1633, 49.5433, 55.8976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9047, 51.4339, 61.0398 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(155, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 198, 198)  
}
```

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(155, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.9047, 51.4339, 61.0398 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(155, 198, 198) }
```


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

```
.border{ border-color:rgb(155, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(155, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9047, 51.4339, 61.0398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 198, 198) }
```

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

```
.background{ background-color: rgb(155,  
198, 198) }
```

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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