

Converting Colors

XYZ(39.5369, 47.6218, 45.7788)

Have a look what the booklet for
XYZ(39.5369, 47.6218, 45.7788)
contains.

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Color

**XYZ(39.5267, 47.5096,
45.6151)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC0AB
RGB	154, 192, 171
RGB Percent	60%, 75%, 67%
CMY	0.3961, 0.2470, 0.3294
CMYK	0.20, 0.00, 0.11, 0.25
HSL	147°, 23%, 68%
HSV	147°, 20%, 75%
XYZ	39.5267, 47.5096, 45.6151
YIQ	178.2440, -15.9070, -14.5870

Conversions

Conversions Part 2

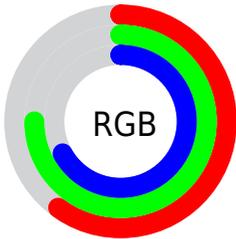
Format	Color
RYB	154, 180, 192
Decimal	10141867
CIELab	74.51, -16.94, 6.41
CIELCh	75, 18.110, 159.276
Yxy	47.5096, 0.2980, 0.3582
Android (android.graphics.Color)	4288331947 (0xFF9AC0AB)
YUV	178.2440, -3.5713, -21.2620
Hunter-Lab	68.9272, -18.2608, 9.0117

Details

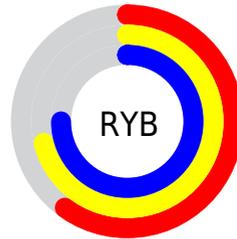
The XYZ color **39.5267, 47.5096, 45.6151** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0333, 37.4138, 45.6182**, and the grayscale version is **42.4715, 44.6833, 48.6601**.

A 20% lighter version of the original color is **73.5894, 86.1811, 84.7076**, and **17.8977, 22.3336, 20.8203** is the 20% darker color. If you saturate the color by 10%, you get **35.1896, 45.3873, 40.3429**, and if you desaturate by 10%, it is **44.5322, 49.9698, 51.3445**.

Distribution



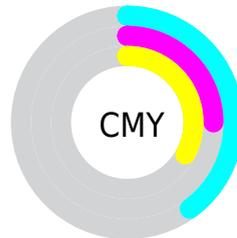
- Red (60%)
- Green (75%)
- Blue (67%)



- Red (60%)
- Yellow (71%)
- Blue (75%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5267, 47.5096, 45.6151 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 39.5267, 47.5096, 45.6151 by changing the saturation by 10% instead.

 39.5267, 47.5096,
45.6151

 39.5267, 47.5096,
45.6151

335.2934,
376.8450, 385.4916

 27.3523, 33.4387,
31.5957

 73.7312, 86.4738,
84.9709

 17.9759, 22.4627,
20.7906

 96.4920, 112.1359,
111.1444

 11.0323, 14.1973,
12.7813

123.5122,
142.4305, 142.2063

 6.1560, 8.2580,
7.1492

155.1573,
177.7420, 178.5752

 2.9817, 4.2605,
3.4757

191.7926,
218.4548, 220.6696

 1.1441, 1.8203,
1.3424

233.7835,

 0.0615, 0.4998,

264.9533, 268.9082

0.0961

281.4953,
317.6219, 323.7093

■ 0.0000, 0.0000,
0.0000

■ 39.5267, 47.5096,
45.6151

■ 39.5267, 47.5096,
45.6151

■ 35.1896, 45.3873,
40.3429

■ 44.5322, 49.9698,
51.3445

■ 31.4872, 43.5817,
35.5136

■ 50.2300, 52.7758,
57.5387

■ 28.3891, 42.0787,
31.1162

■ 56.6473, 55.9431,
64.2095

■ 25.8603, 40.8604,
27.1386

■ 63.8089, 59.4840,
71.3667

■ 23.8622, 39.9074,
23.5678

■ 71.7384, 63.4106,
79.0204

■ 22.3511, 39.1971,
20.3901

■ 75.0381, 64.9402,
86.9264

■ 21.2757, 38.7036,
17.5909

■ 76.6148, 65.5708,
95.2289

■ 20.5398, 38.3774,
15.1528

■ 78.1406, 66.1811,
103.2635

■ 20.5259, 38.3713,
15.1059

Harmonies

Analogous

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



41.2915, 47.5096, 39.0037



39.5267, 47.5096, 45.6151



39.2304, 47.5096, 54.6874

Triad

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



39.5267, 47.5096, 45.6151



46.1776, 47.5096, 71.6169



50.2013, 47.5096, 41.1461

Complementary

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



39.5267, 47.5096, 45.6151



41.0333, 37.4138, 45.6182

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.



51.6512, 47.5096, 48.8810



39.5267, 47.5096, 45.6151



49.2554, 47.5096, 66.9608

Square

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



39.5267, 47.5096, 45.6151



42.9676, 47.5096, 70.4681



51.2969, 47.5096, 58.3681



47.4184, 47.5096, 36.6481

Rectangle

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



39.5267, 47.5096, 45.6151



39.8904, 47.5096, 61.0458



51.2969, 47.5096, 58.3681



50.8667, 47.5096, 43.4135

Sweetspot

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



39.5280, 47.5116, 45.6162



84.3535, 92.3429, 97.0784



42.4832, 49.2104, 37.8317



17.9541, 19.7404, 20.6703



92.9021, 97.7402, 106.4391



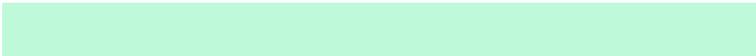
19.4759, 20.4902, 22.3138

Same Dimension

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



39.5280, 47.5116, 45.6162



67.8632, 84.2434, 78.1618



41.4137, 48.2659, 55.5459



10.1275, 11.3320, 11.6747



13.8491, 25.8337, 10.3645



0.6330, 1.1301, 0.6304

Inverse Universe

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



41.0333, 37.4138, 45.6182



71.1142, 62.4310, 78.1638



39.3412, 36.7370, 36.7078



10.3009, 10.1690, 11.6751



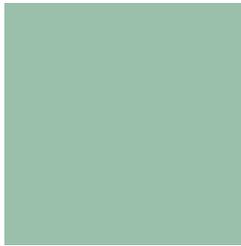
16.4216, 8.2584, 10.1322



0.7438, 0.3705, 0.6184

Previews

White Background



This preview shows how the XYZ color 39.5267, 47.5096, 45.6151 looks on a white background.

Color Contrast Check

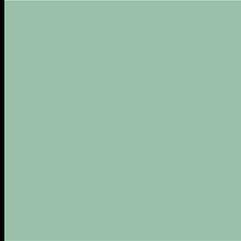
Large Text (above 18pt) WCAG AA × Fail

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 39.5267, 47.5096, 45.6151 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

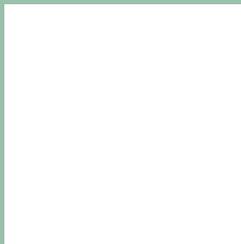
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5267, 47.5096, 45.6151

Background



This preview shows how black text looks on a background with the XYZ color 39.5267, 47.5096, 45.6151.



This preview shows how white text looks on a background with the XYZ color 39.5267, 47.5096,

45.6151.

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

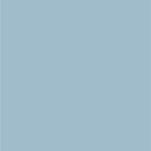
39.5267, 47.5096, 45.6151

Protanopia

44.8461, 47.1562, 42.8148

Deuteranopia

48.2640, 47.3376, 46.6377



Tritanopia

42.9282, 47.2785, 62.7402

Trichromacy



Original Color

39.5267, 47.5096, 45.6151

Protanomaly

42.7583, 47.2921, 43.9205

Deuteranomaly

44.5205, 46.9121, 46.2436

Tritanomaly

41.7021, 47.4259, 56.2464

Monochromacy



Original Color

39.5267, 47.5096, 45.6151

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.0335, 45.3971, 47.1573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5267, 47.5096, 45.6151 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(154, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 192, 171)  
}
```

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(154, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 192, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.5267, 47.5096, 45.6151 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(154, 192, 171) }
```


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

```
.border{ border-color:rgb(154, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 192,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5267, 47.5096, 45.6151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 192, 171) }
```

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

```
.background{ background-color: rgb(154,  
192, 171) }
```

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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