

Converting Colors

XYZ(38.8952, 43.5731, 63.4883)

Have a look what the booklet for
XYZ(38.8952, 43.5731, 63.4883)
contains.

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Color

**XYZ(38.9547, 43.6552,
63.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB6CC
RGB	143, 182, 204
RGB Percent	56%, 71%, 80%
CMY	0.4392, 0.2863, 0.2000
CMYK	0.30, 0.11, 0.00, 0.20
HSL	202°, 37%, 68%
HSV	202°, 30%, 80%
XYZ	38.9547, 43.6552, 63.4999
YIQ	172.8470, -30.3060, -1.4260

Conversions

Conversions Part 2

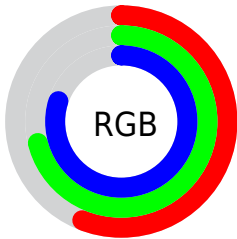
Format	Color
R_{YB}	143, 167, 204
Decimal	9418444
CIE _{Lab}	72.00, -7.90, -15.38
CIE _{LCh}	72, 17.286, 242.815
Yxy	43.6552, 0.2666, 0.2988
Android (android.graphics.Color)	4287608524 (0xFF8FB6CC)
YUV	172.8470, 15.3584, -26.1758
Hunter-Lab	66.0721, -10.3863, -10.7314

Details

The XYZ color **38.9547, 43.6552, 63.4999** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3154, 41.7311, 31.7595**, and the grayscale version is **39.5789, 41.6401, 45.3461**.

A 20% lighter version of the original color is **71.9132, 80.3748, 106.3314**, and **17.6697, 20.1267, 31.8077** is the 20% darker color. If you saturate the color by 10%, you get **34.2722, 39.0640, 62.8613**, and if you desaturate by 10%, it is **44.3613, 48.7392, 64.1970**.

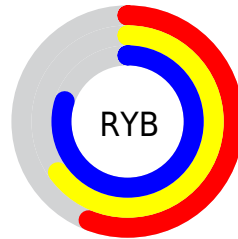
Distribution



Red (56%)

Green (71%)

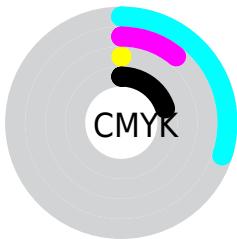
Blue (80%)



Red (56%)

Yellow (65%)

Blue (80%)

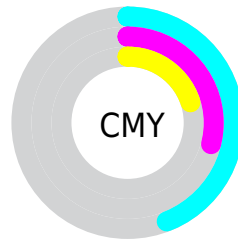


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (29%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9547, 43.6552, 63.4999 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 38.9547, 43.6552, 63.4999 by changing the saturation by 10% instead.

■ 38.9547, 43.6552,
63.4999

■ 38.9547, 43.6552,
63.4999

332.9083,
361.2994, 455.5392

■ 26.9051, 30.3995,
45.8021

■ 72.8636, 80.6987,
111.4829

■ 17.6381, 20.1420,
31.7422

■ 95.4536, 105.2552,
142.6053

■ 10.7886, 12.4983,
20.9015

122.2878,
134.3476, 179.0396

■ 5.9911, 7.0840,
12.8615

153.7314,
168.3600, 221.2044

■ 2.8803, 3.5147,
7.2036

190.1500,
207.6771, 269.5182

■ 1.0908, 1.4060,
3.5094

231.9087,

■ 0.0174, 0.2211,

252.6830, 324.3996

1.3603

279.3731,
303.7623, 386.2671

■ 0.0000, 0.0000,
0.1104

■ 0.0000, 0.0000,
0.0000

■ 38.9547, 43.6552,
63.4999

■ 38.9547, 43.6552,
63.4999

■ 34.2722, 39.0640,
62.8613

■ 44.3613, 48.7392,
64.1970

■ 30.2736, 34.9402,
62.2760

■ 50.5212, 54.3299,
64.9514

■ 26.9210, 31.2632,
61.7430

■ 57.4671, 60.4466,
65.7660

■ 24.1706, 28.0087,
61.2598

■ 65.2283, 67.1063,
66.6424

■ 21.9728, 25.1492,
60.8237

■ 73.8326, 74.3249,
67.5822

■ 20.2690, 22.6525,
60.4316

■ 79.3748, 80.0908,
68.4031

■ 18.9519, 20.4613,
60.0780

■ 81.4201, 84.1815,
69.0848

■ 18.9397, 20.4406,
60.0747

■ 83.5524, 88.4460,
69.7956

■ 85.7726, 92.8864,
70.5356

Harmonies

Analogous

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



36.9054, 43.6552, 56.8928



38.9547, 43.6552, 63.4999



41.7722, 43.6552, 65.6775

Triad

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



38.9547, 43.6552, 63.4999



47.4210, 43.6552, 46.7397



38.4939, 43.6552, 35.1442

Complementary

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



38.9547, 43.6552, 63.4999



43.3154, 41.7311, 31.7595

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.



41.2150, 43.6552, 33.0820



38.9547, 43.6552, 63.4999



46.4457, 43.6552, 39.2607

Square

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



38.9547, 43.6552, 63.4999



46.7467, 43.6552, 55.3490



44.1391, 43.6552, 34.4958



36.6484, 43.6552, 40.4899

Rectangle

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



38.9547, 43.6552, 63.4999



43.7318, 43.6552, 64.1372



44.1391, 43.6552, 34.4958



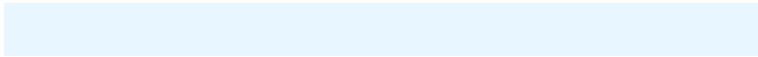
39.3318, 43.6552, 34.0747

Sweetspot

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



38.9560, 43.6569, 63.5009



84.5213, 90.7368, 107.6670



39.6540, 51.7192, 43.1817



17.7487, 19.1156, 23.0042



0.0000, 0.0000, 0.0000



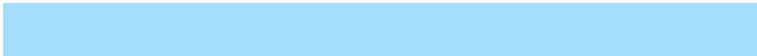
20.3446, 21.4041, 23.3091

Same Dimension

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



38.9560, 43.6569, 63.5009



59.2886, 67.2143, 104.4566



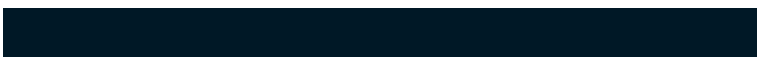
33.4803, 32.7055, 61.6757



11.1898, 12.0200, 14.3007



12.0117, 13.0473, 37.8416



0.6900, 0.8138, 1.9757

Inverse Universe

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



43.1689, 35.8608, 48.9045



67.5434, 52.7938, 75.6636



49.3421, 53.7844, 33.7684



11.5092, 11.3324, 13.2158



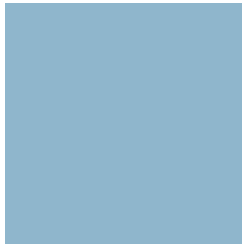
18.2738, 9.1201, 14.4265



0.9782, 0.4847, 0.9312

Previews

White Background



This preview shows how the XYZ color 38.9547, 43.6552, 63.4999 looks on a white background.

Color Contrast Check

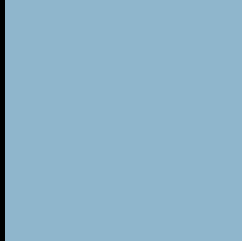
Large Text (above 18pt) WCAG AA × Fail

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 38.9547, 43.6552, 63.4999 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 38.9547, 43.6552, 63.4999

Background



This preview shows how black text looks on a background with the XYZ color 38.9547, 43.6552, 63.4999.



This preview shows how white text looks on a background with the XYZ color 38.9547, 43.6552,

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

38.9547, 43.6552, 63.4999

Protanopia

42.6520, 43.5541, 60.1916

Deuteranopia

44.4835, 43.5450, 64.4530



Tritanopia

38.2819, 43.6950, 59.8424

Trichromacy



Original Color

38.9547, 43.6552, 63.4999

Protanomaly

41.1610, 43.6349, 61.5113

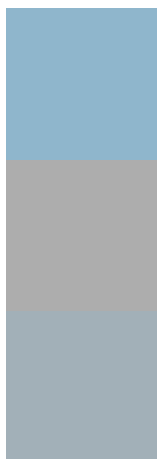
Deuteranomaly

42.2707, 43.5654, 63.9387

Tritanomaly

38.5141, 43.7879, 61.0656

Monochromacy



Original Color

38.9547, 43.6552, 63.4999

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.0774, 42.1927, 51.4318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9547, 43.6552, 63.4999 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(143, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 182, 204)  
}
```

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(143, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 182, 204) }
```

Border

The CSS property to change the border of an element to XYZ 38.9547, 43.6552, 63.4999 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(143, 182, 204) }
```


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

```
.border{ border-color:rgb(143, 182, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 182, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 182,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9547, 43.6552, 63.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 182, 204) }
```

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

```
.background{ background-color: rgb(143,  
182, 204) }
```

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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