

Converting Colors

XYZ(43.1398, 53.4334, 47.0697)

Have a look what the booklet for
XYZ(43.1398, 53.4334, 47.0697)
contains.

XYZ(43.1398, 53.4334, 47.0697)	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(43.1398, 53.4334,
47.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	9ECCAC
RGB	158, 204, 172
RGB Percent	62%, 80%, 67%
CMY	0.3804, 0.2000, 0.3255
CMYK	0.23, 0.00, 0.16, 0.20
HSL	138°, 31%, 71%
HSV	138°, 23%, 80%
XYZ	43.1398, 53.4334, 47.0697
YIQ	186.5980, -17.1440, -19.7040

Conversions

Conversions Part 2

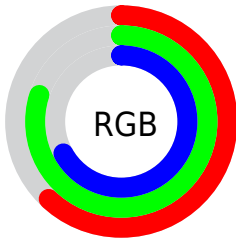
Format	Color
R_{YB}	158, 193, 204
Decimal	10407084
CIE _{Lab}	78.13, -21.48, 11.07
CIE _{LCh}	78, 24.165, 152.740
Yxy	53.4334, 0.3003, 0.3720
Android (android.graphics.Color)	4288597164 (0xFF9ECCAC)
YUV	186.5980, -7.1968, -25.0804
Hunter-Lab	73.0982, -22.5777, 12.9904

Details

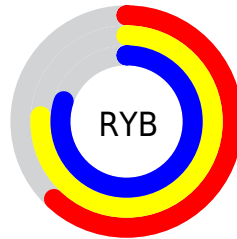
The XYZ color **43.1398, 53.4334, 47.0697** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.4248, 41.0100, 54.1863**, and the grayscale version is **47.0550, 49.5055, 53.9115**.

A 20% lighter version of the original color is **77.0657, 91.2122, 86.2170**, and **20.2404, 26.2329, 21.7660** is the 20% darker color. If you saturate the color by 10%, you get **38.1644, 51.0192, 40.0982**, and if you desaturate by 10%, it is **48.9298, 56.2538, 54.8415**.

Distribution



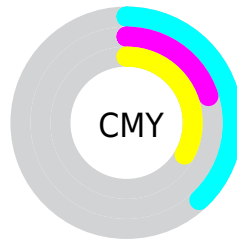
- Red (62%)
- Green (80%)
- Blue (67%)



- Red (62%)
- Yellow (76%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)





- Cyan (38%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1398, 53.4334, 47.0697 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 43.1398, 53.4334, 47.0697 by changing the saturation by 10% instead.


 43.1398, 53.4334,
47.0697


 43.1398, 53.4334,
47.0697


350.0982,
399.9457, 391.4945

 30.1898, 38.1489,
32.7360


 79.1762, 95.2418,
87.1687

 20.1315, 26.0982,
21.6548


 102.9933,
122.5345, 113.7711

 12.5995, 16.8972,
13.4076


131.1635,
154.5986, 145.3002

 7.2284, 10.1612,
7.5758

164.0521,
191.8187, 182.1745

 3.6530, 5.5060,
3.7409

202.0245,
234.5790, 224.8125

 1.5077, 2.5471,
1.4843

245.4461,

 0.3311, 0.9001,

283.2640, 273.6329

0.2062

294.6822,
338.2581, 329.0540

■ 0.0000, 0.0000,
0.0000

■ 43.1398, 53.4334,
47.0697

■ 43.1398, 53.4334,
47.0697

■ 38.1644, 51.0192,
40.0982

■ 48.9298, 56.2538,
54.8415

■ 33.9619, 48.9855,
33.8979

■ 55.5651, 59.4910,
63.4343

■ 30.4932, 47.3145,
28.4431

■ 63.0798, 63.1639,
72.8727

■ 27.7142, 45.9839,
23.7055

■ 71.5051, 67.2879,
83.1789

■ 25.5758, 44.9689,
19.6547

■ 79.0057, 70.9165,
94.2873

■ 24.0217, 44.2414,
16.2582

■ 80.8839, 71.6678,
104.1780

■ 22.9855, 43.7675,
13.4807

■ 22.4658, 43.5365,
11.7891

Harmonies

Analogous

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



46.0355, 53.4334, 38.9436



43.1398, 53.4334, 47.0697



42.2513, 53.4334, 59.4310

Triad

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



43.1398, 53.4334, 47.0697



51.2218, 53.4334, 88.1908



58.8084, 53.4334, 45.2261

Complementary

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



43.1398, 53.4334, 47.0697



46.4248, 41.0100, 54.1863

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.



60.4008, 53.4334, 56.9464



43.1398, 53.4334, 47.0697



55.8543, 53.4334, 82.8918

Square

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



43.1398, 53.4334, 47.0697



46.7428, 53.4334, 84.4747



59.2880, 53.4334, 70.9137



55.0576, 53.4334, 38.0007

Rectangle

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



43.1398, 53.4334, 47.0697



42.8691, 53.4334, 68.8149



59.2880, 53.4334, 70.9137



59.6240, 53.4334, 48.7012

Sweetspot

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



43.1413, 53.4356, 47.0709



86.8498, 95.9962, 98.4154



49.0516, 56.6298, 40.6937



18.4454, 20.4768, 20.8784



0.0000, 0.0000, 0.0000



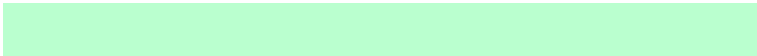
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1413, 53.4356, 47.0709



67.3213, 86.4880, 72.2435



45.5228, 54.3883, 59.6122



11.2063, 12.5922, 12.6436



14.1762, 27.4158, 7.6127



0.7653, 1.4279, 0.5717

Inverse Universe

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



46.4248, 41.0100, 54.1863



73.6885, 62.3842, 86.0345



44.1238, 40.0896, 42.0696



11.5365, 11.3433, 13.3597



18.7857, 9.3249, 17.1220



1.0019, 0.4942, 1.0559

Previews

White Background



This preview shows how the XYZ color 43.1398, 53.4334, 47.0697 looks on a white background.

Color Contrast Check

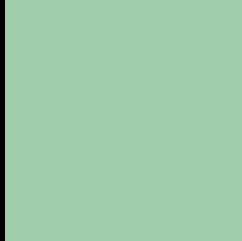
Large Text (above 18pt) WCAG AA × Fail

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 43.1398, 53.4334, 47.0697 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

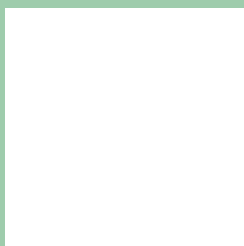
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1398, 53.4334, 47.0697

Background



This preview shows how black text looks on a background with the XYZ color 43.1398, 53.4334, 47.0697.



This preview shows how white text looks on a background with the XYZ color 43.1398, 53.4334,

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

43.1398, 53.4334, 47.0697

Protanopia

50.0897, 53.0090, 43.6681

Deuteranopia

54.0107, 53.0041, 48.4584



Tritanopia

48.0576, 53.3502, 71.3830

Trichromacy



Original Color

43.1398, 53.4334, 47.0697

Protanomaly

47.0575, 52.7461, 44.7466

Deuteranomaly

49.5728, 52.9708, 48.1691

Tritanomaly

46.0673, 53.2186, 61.8770

Monochromacy



Original Color

43.1398, 53.4334, 47.0697

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.4180, 50.7474, 51.6574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1398, 53.4334, 47.0697 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(158, 204, 172)` looks like.

```
.text, #text, p{  
    color:rgb(158, 204, 172)  
}
```

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(158, 204, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 204, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.1398, 53.4334, 47.0697 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(158, 204, 172) }
```


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

```
.border{ border-color:rgb(158, 204, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 204, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 204, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 204, 172);  
box-shadow:4px 4px 4px 4px rgb(158, 204,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1398, 53.4334, 47.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 204, 172) }
```

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

```
.background{ background-color: rgb(158,  
204, 172) }
```

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