

Converting Colors

XYZ(43.2805, 53.5287, 48.6474)

Have a look what the booklet for
XYZ(43.2805, 53.5287, 48.6474)
contains.

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Color

**XYZ(43.2354, 53.4490,
48.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	9DCCAF
RGB	157, 204, 175
RGB Percent	62%, 80%, 69%
CMY	0.3843, 0.2000, 0.3137
CMYK	0.23, 0.00, 0.14, 0.20
HSL	143°, 32%, 71%
HSV	143°, 23%, 80%
XYZ	43.2354, 53.4490, 48.5954
YIQ	186.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

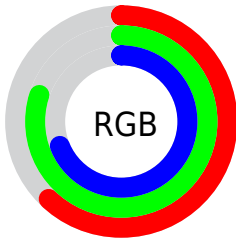
Format	Color
RYB	157, 191, 204
Decimal	10341551
CIELab	78.14, -21.24, 9.47
CIELCh	78, 23.252, 155.972
Yxy	53.4490, 0.2976, 0.3679
Android (android.graphics.Color)	4288531631 (0xFF9DCCAF)
YUV	186.6410, -5.7390, -25.9952
Hunter-Lab	73.1088, -22.3784, 11.7661

Details

The XYZ color **43.2354, 53.4490, 48.5954** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.8236, 40.4978, 51.8585**, and the grayscale version is **47.0719, 49.5233, 53.9309**.

A 20% lighter version of the original color is **77.3352, 91.2866, 89.1454**, and **20.3072, 26.2460, 22.7346** is the 20% darker color. If you saturate the color by 10%, you get **38.4036, 51.0959, 42.2140**, and if you desaturate by 10%, it is **48.8500, 56.1953, 55.6174**.

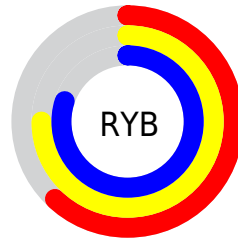
Distribution



Red (62%)

Green (80%)

Blue (69%)



Red (62%)

Yellow (75%)

Blue (80%)

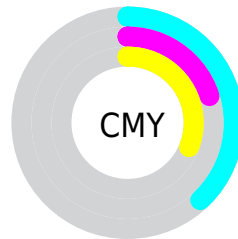


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (20%)



Cyan (38%)


Magenta (20%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2354, 53.4490, 48.5954 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 43.2354, 53.4490, 48.5954 by changing the saturation by 10% instead.


 43.2354, 53.4490,
48.5954


 43.2354, 53.4490,
48.5954


350.4841,
400.0054, 397.7239

 30.2652, 38.1613,
33.9353


 79.3195, 95.2647,
89.4650

 20.1890, 26.1079,
22.5669


 103.1640,
122.5616, 116.5116

 12.6416, 16.9044,
14.0718


131.3641,
154.6303, 148.5240

 7.2575, 10.1664,
8.0313

164.2850,
191.8552, 185.9210

 3.6714, 5.5094,
4.0269

202.2920,
234.6208, 229.1209

 1.5180, 2.5491,
1.6401

245.7507,

 0.3380, 0.9012,

283.3115, 278.5423

0.3192

295.0263,
338.3115, 334.6038

■ 0.0000, 0.0000,
0.0000

■ 43.2354, 53.4490,
48.5954

■ 43.2354, 53.4490,
48.5954

■ 38.4036, 51.0959,
42.2140

■ 48.8500, 56.1953,
55.6174

■ 34.3141, 49.1109,
36.4515

■ 55.2767, 59.3451,
63.2938

■ 30.9292, 47.4767,
31.2902

■ 62.5485, 62.9167,
71.6423

■ 28.2063, 46.1715,
26.7104

■ 70.6956, 66.9251,
80.6790

■ 26.0975, 45.1712,
22.6908

■ 78.2579, 70.6174,
90.3496

■ 24.5484, 44.4481,
19.2090

■ 80.1723, 71.3831,
100.4310

■ 23.4937, 43.9690,
16.2411

■ 80.8839, 71.6678,
104.1780

■ 22.9735, 43.7396,
14.4630

Harmonies

Analogous

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



45.8426, 53.4490, 40.2114



43.2354, 53.4490, 48.5954



42.6015, 53.4490, 60.8383

Triad

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



43.2354, 53.4490, 48.5954



51.7158, 53.4490, 86.7849



58.2023, 53.4490, 44.7070

Complementary

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



43.2354, 53.4490, 48.5954



45.8236, 40.4978, 51.8585

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.



59.9919, 53.4490, 55.6331



43.2354, 53.4490, 48.5954



56.1061, 53.4490, 80.8759

Square

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



43.2354, 53.4490, 48.5954



47.3280, 53.4490, 84.1602



59.2029, 53.4490, 68.9864



54.4412, 53.4490, 38.2115

Rectangle

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



43.2354, 53.4490, 48.5954



43.3480, 53.4490, 69.8518



59.2029, 53.4490, 68.9864



59.0642, 53.4490, 47.9163

Sweetspot

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



43.2369, 53.4512, 48.5966



87.0621, 96.0811, 99.5335



48.1171, 56.1579, 40.2026



18.4945, 20.4965, 21.1370



0.0000, 0.0000, 0.0000



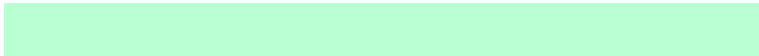
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2369, 53.4512, 48.5966



67.1822, 86.3613, 74.7192



45.6616, 54.4211, 61.3650



11.2429, 12.6069, 12.8363



14.5014, 27.5458, 9.3251



0.7849, 1.4358, 0.6747

Inverse Universe

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



45.8236, 40.4978, 51.8585



72.2535, 60.9574, 81.1071



43.5952, 39.6065, 40.1238



11.4984, 11.3281, 13.1590



18.0855, 9.0448, 13.4346



0.9693, 0.4811, 0.8844

Previews

White Background



This preview shows how the XYZ color 43.2354, 53.4490, 48.5954 looks on a white background.

Color Contrast Check

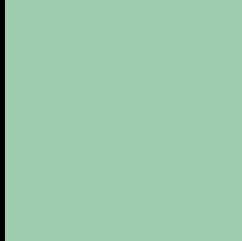
Large Text (above 18pt) WCAG AA × Fail

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 43.2354, 53.4490, 48.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

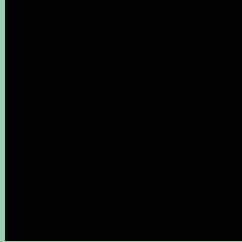
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2354, 53.4490, 48.5954

Background



This preview shows how black text looks on a background with the XYZ color 43.2354, 53.4490, 48.5954.



This preview shows how white text looks on a background with the XYZ color 43.2354, 53.4490,

48.5954.

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

43.2354, 53.4490, 48.5954

Protanopia

50.3682, 53.1204, 45.1347

Deuteranopia

54.0145, 52.9714, 50.0255



Tritanopia

47.6415, 53.1357, 71.3636

Trichromacy



Original Color

43.2354, 53.4490, 48.5954

Protanomaly

47.3403, 52.8592, 46.2358

Deuteranomaly

49.6115, 52.9564, 49.7263

Tritanomaly

45.7775, 53.0558, 62.4716

Monochromacy



Original Color

43.2354, 53.4490, 48.5954

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.5217, 50.7889, 52.2037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2354, 53.4490, 48.5954 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(157, 204, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 204, 175)  
}
```

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(157, 204, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 204, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.2354, 53.4490, 48.5954 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(157, 204, 175) }
```


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

```
.border{ border-color:rgb(157, 204, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 204, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 204, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 204, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 204,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2354, 53.4490, 48.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 204, 175) }
```

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

```
.background{ background-color: rgb(157,  
204, 175) }
```

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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