

Converting Colors

XYZ(44.3521, 54.9470, 49.3799)

Have a look what the booklet for
XYZ(44.3521, 54.9470, 49.3799)
contains.

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Color

**XYZ(44.4474, 55.1312,
49.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	9FCFB0
RGB	159, 207, 176
RGB Percent	62%, 81%, 69%
CMY	0.3765, 0.1882, 0.3098
CMYK	0.23, 0.00, 0.15, 0.19
HSL	141°, 33%, 72%
HSV	141°, 23%, 81%
XYZ	44.4474, 55.1312, 49.3730
YIQ	189.1140, -18.6570, -19.8170

Conversions

Conversions Part 2

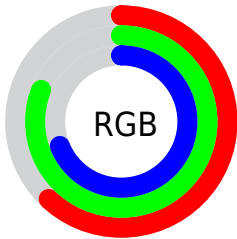
Format	Color
RYB	159, 194, 207
Decimal	10473392
CIELab	79.12, -21.89, 10.34
CIElCh	79, 24.210, 154.712
Yxy	55.1312, 0.2984, 0.3701
Android (android.graphics.Color)	4288663472 (0xFF9FCFB0)
YUV	189.1140, -6.4652, -26.4100
Hunter-Lab	74.2504, -23.0854, 12.5502

Details

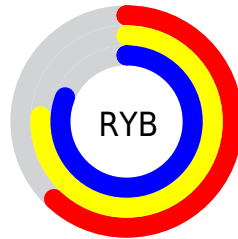
The XYZ color **44.4474, 55.1312, 49.3730** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.4265, 41.7808, 54.2826**, and the grayscale version is **48.4797, 51.0045, 55.5438**.

A 20% lighter version of the original color is **78.0570, 91.6423, 89.9186**, and **20.8668, 27.0123, 22.8530** is the 20% darker color. If you saturate the color by 10%, you get **39.4230, 52.6879, 42.5697**, and if you desaturate by 10%, it is **50.2926, 57.9856, 56.8972**.

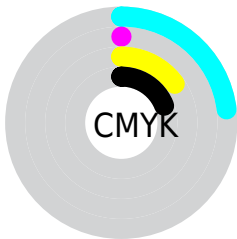
Distribution



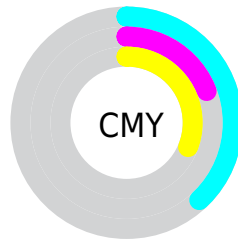
- Red (62%)
- Green (81%)
- Blue (69%)



- Red (62%)
- Yellow (76%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)




- Cyan (38%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4474, 55.1312, 49.3730 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 44.4474, 55.1312, 49.3730 by changing the saturation by 10% instead.


 44.4474, 55.1312,
49.3730


 44.4474, 55.1312,
49.3730


355.3523,
406.4091, 400.8735

 31.2218, 39.5068,
34.5478


 81.1327, 97.7332,
90.6319

 20.9205, 27.1542,
23.0340


 105.3232,
125.4795, 117.9027

 13.1780, 17.6891,
14.4131


133.8993,
158.0352, 150.1590

 7.6291, 10.7270,
8.2665

167.2265,
195.7848, 187.8195

 3.9083, 5.8836,
4.1757

205.6700,
239.1126, 231.3026

 1.6504, 2.7744,
1.7222

249.5952,

 0.4249, 1.0151,

288.4029, 281.0270

0.3759

299.3676,
344.0403, 337.4111

■ 0.0000, 0.0000,
0.0000

■ 44.4474, 55.1312,
49.3730

■ 44.4474, 55.1312,
49.3730

■ 39.4230, 52.6879,
42.5697

■ 50.2926, 57.9856,
56.8972

■ 35.1768, 50.6297,
36.4623

■ 56.9895, 61.2621,
65.1590

■ 31.6694, 48.9382,
31.0296

■ 64.5729, 64.9796,
74.1793

■ 28.8557, 47.5906,
26.2480

■ 73.0743, 69.1542,
83.9769

■ 26.6856, 46.5616,
22.0924

■ 79.7087, 72.3497,
94.4383

■ 25.1016, 45.8221,
18.5360

■ 81.6039, 73.1078,
104.4180

■ 24.0354, 45.3375,
15.5499

■ 23.5268, 45.1129,
13.8250

Harmonies

Analogous

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



47.2902, 55.1312, 40.7193



44.4474, 55.1312, 49.3730



43.6828, 55.1312, 62.2389

Triad

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



44.4474, 55.1312, 49.3730



53.1668, 55.1312, 90.6136



60.4078, 55.1312, 46.1265

Complementary

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



44.4474, 55.1312, 49.3730



47.4265, 41.7808, 54.2826

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.



62.2072, 55.1312, 57.8711



44.4474, 55.1312, 49.3730



57.8664, 55.1312, 84.6419

Square

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



44.4474, 55.1312, 49.3730



48.5343, 55.1312, 87.4176



61.2500, 55.1312, 72.1164



56.4668, 55.1312, 39.0565

Rectangle

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



44.4474, 55.1312, 49.3730



44.4120, 55.1312, 71.8427



61.2500, 55.1312, 72.1164



61.2938, 55.1312, 49.5862

Sweetspot

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



44.4489, 55.1335, 49.3742



86.9841, 96.0499, 99.1228



49.8581, 58.1044, 41.3891



18.4764, 20.4893, 21.0420



0.0000, 0.0000, 0.0000



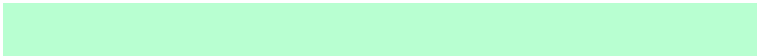
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4489, 55.1335, 49.3742



66.9260, 86.2588, 73.3698



47.0147, 56.1598, 62.8855



11.8268, 13.2745, 13.4441



14.8632, 28.4382, 8.9258



0.8684, 1.6050, 0.6957

Inverse Universe

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



47.4265, 41.7808, 54.2826



72.5403, 61.0721, 82.6174



45.0333, 40.8235, 41.6798



12.1256, 11.9350, 13.9374



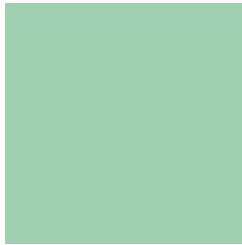
18.9564, 9.4554, 15.2087



1.0969, 0.5435, 1.0451

Previews

White Background



This preview shows how the XYZ color 44.4474, 55.1312, 49.3730 looks on a white background.

Color Contrast Check

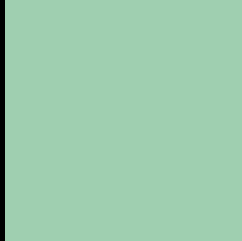
Large Text (above 18pt) WCAG AA × Fail

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 44.4474, 55.1312, 49.3730 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 44.4474, 55.1312, 49.3730

Background



This preview shows how black text looks on a background with the XYZ color 44.4474, 55.1312, 49.3730.



This preview shows how white text looks on a background with the XYZ color 44.4474, 55.1312,

49.3730.

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

44.4474, 55.1312, 49.3730

Protanopia

51.9476, 54.9116, 45.8913

Deuteranopia

55.7366, 54.4774, 50.7576



Tritanopia

49.3474, 54.9985, 73.6605

Trichromacy



Original Color

44.4474, 55.1312, 49.3730

Protanomaly

48.6089, 54.5168, 46.9906

Deuteranomaly

50.9405, 54.2907, 50.4421

Tritanomaly

47.3264, 54.8687, 63.9735

Monochromacy



Original Color

44.4474, 55.1312, 49.3730

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.7518, 52.4055, 52.9986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4474, 55.1312, 49.3730 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(159, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(159, 207, 176)  
}
```

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(159, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 207, 176) }
```

Border

The CSS property to change the border of an element to XYZ 44.4474, 55.1312, 49.3730 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(159, 207, 176) }
```


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

```
.border{ border-color:rgb(159, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 207, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 207, 176); box-shadow:4px 4px 4px 4px rgb(159, 207, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4474, 55.1312, 49.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 207, 176) }
```

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

```
.background{ background-color: rgb(159,  
207, 176) }
```

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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