

Converting Colors

XYZ(43.3012, 59.4185, 32.3716)

Have a look what the booklet for
XYZ(43.3012, 59.4185, 32.3716)
contains.

XYZ(43.2930, 59.4092, 32.4779)	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(43.2930, 59.4092,
32.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	9BDB88
RGB	155, 219, 136
RGB Percent	61%, 86%, 53%
CMY	0.3922, 0.1412, 0.4667
CMYK	0.29, 0.00, 0.38, 0.14
HSL	106°, 54%, 70%
HSV	106°, 38%, 86%
XYZ	43.2930, 59.4092, 32.4779
YIQ	190.4020, -11.5010, -39.3810

Conversions

Conversions Part 2

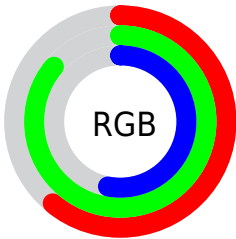
Format	Color
RYB	136, 219, 200
Decimal	10214280
CIELab	81.52, -35.62, 34.50
CIElCh	82, 49.590, 135.915
Yxy	59.4092, 0.3203, 0.4395
Android (android.graphics.Color)	4288404360 (0xFF9BDB88)
YUV	190.4020, -26.8202, -31.0476
Hunter-Lab	77.0774, -34.6251, 28.9713

Details

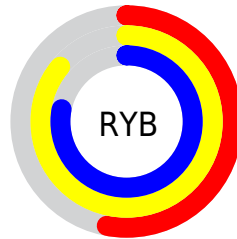
The XYZ color **43.2930, 59.4092, 32.4779** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **45.4125, 35.0040, 71.3840**, and the grayscale version is **49.3314, 51.9005, 56.5196**.

A 20% lighter version of the original color is **71.9182, 89.0866, 62.1201**, and **20.2820, 29.9735, 13.3108** is the 20% darker color. If you saturate the color by 10%, you get **38.8757, 57.2956, 24.9602**, and if you desaturate by 10%, it is **48.4847, 61.8888, 41.6943**.

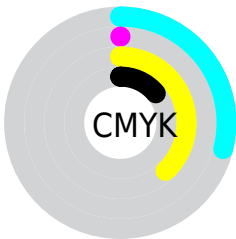
Distribution



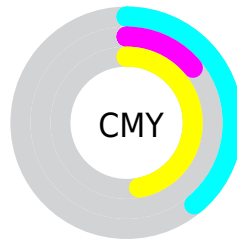
- Red (61%)
- Green (86%)
- Blue (53%)



- Red (53%)
- Yellow (86%)
- Blue (78%)



- Cyan (29%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)





- Cyan (39%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2930, 59.4092, 32.4779 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 43.2930, 59.4092, 32.4779 by changing the saturation by 10% instead.


 43.2930, 59.4092,
32.4779


 43.2930, 59.4092,
32.4779


350.7165,
422.4167, 327.8501


 30.3106, 42.9426,
21.4590


 79.4058, 103.9722,
64.6661

 20.2237, 29.8401,
13.2654

 103.2669,
132.8373, 86.6725

 12.6670, 19.7172,
7.4787


 131.4849,
166.6041, 113.1784

 7.2750, 12.1897,
3.6803

164.4252,
205.6570, 144.6024

 3.6825, 6.8730,
1.4516

202.4532,
250.3803, 181.3630

 1.5242, 3.3828,
0.1815

245.9341,

 0.3422, 1.3347,

301.1584, 223.8788

0.0000

295.2334,
358.3757, 272.5683

■ 0.0000, 0.1678,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2930, 59.4092,
32.4779

■ 43.2930, 59.4092,
32.4779

■ 38.8757, 57.2956,
24.9602

■ 48.4847, 61.8888,
41.6943

■ 35.1900, 55.5229,
19.0337


■ 54.4817, 64.7430,
52.7002


■ 32.1959, 54.0748,
14.5849


■ 61.3187, 67.9895,
65.5849


■ 29.8471, 52.9302,
11.4833


■ 69.0271, 71.6427,
80.4303

 28.0913, 52.0654,
9.5759

 77.6365, 75.7162,
97.3136

 26.8618, 51.4509,
8.6473

 84.6227, 79.1455,
105.4242

 26.6544, 51.3468,
8.5061

Harmonies

Analogous

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



51.1616, 59.4092, 23.7798



43.2930, 59.4092, 32.4779



39.2155, 59.4092, 51.7335

Triad

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



43.2930, 59.4092, 32.4779



51.7414, 59.4092, 137.5996



77.9491, 59.4092, 50.2263

Complementary

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



43.2930, 59.4092, 32.4779



45.4125, 35.0040, 71.3840

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.



78.1542, 59.4092, 79.6391



43.2930, 59.4092, 32.4779



62.1263, 59.4092, 136.8181

Square

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



43.2930, 59.4092, 32.4779



43.6724, 59.4092, 115.1265



72.0735, 59.4092, 113.2376



71.5435, 59.4092, 31.6678

Rectangle

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



43.2930, 59.4092, 32.4779



38.8291, 59.4092, 70.7665



72.0735, 59.4092, 113.2376



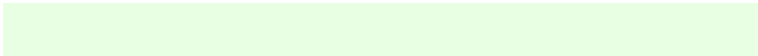
78.7699, 59.4092, 58.9651

Sweetspot

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



43.2945, 59.4117, 32.4792



83.3435, 94.4493, 86.4747



54.2294, 57.9793, 31.6264



17.5525, 20.0801, 17.9680



0.0000, 0.0000, 0.0000



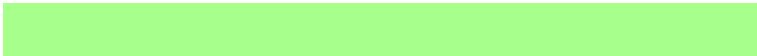
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2945, 59.4117, 32.4792



56.3461, 81.5835, 37.6852



41.6698, 58.3733, 41.4803



13.1640, 14.7493, 13.8787



15.8834, 30.4857, 5.0472



1.1047, 2.0140, 0.3305

Inverse Universe

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



45.4125, 35.0040, 71.3840



59.6934, 42.6638, 99.6965



48.0826, 36.6951, 57.2944



13.3078, 13.1168, 16.4825



17.3672, 8.0773, 40.3821



1.1978, 0.5607, 2.6195

Previews

White Background



This preview shows how the XYZ color 43.2930, 59.4092, 32.4779 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 43.2930, 59.4092, 32.4779 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

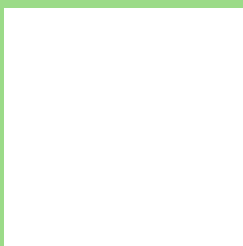
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2930, 59.4092, 32.4779

Background



This preview shows how black text looks on a background with the XYZ color 43.2930, 59.4092, 32.4779.



This preview shows how white text looks on a background with the XYZ color 43.2930, 59.4092,

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

43.2930, 59.4092, 32.4779

Protanopia

54.5982, 59.0417, 29.2874

Deuteranopia

59.8876, 58.6182, 33.7492



Tritanopia

52.7240, 59.0940, 79.8616

Trichromacy



Original Color

43.2930, 59.4092, 32.4779

Protanomaly

49.4857, 58.5135, 30.5158

Deuteranomaly

52.1486, 57.6898, 33.1977

Tritanomaly

48.6862, 58.9366, 59.2619

Monochromacy



Original Color

43.2930, 59.4092, 32.4779

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

46.2738, 54.0227, 46.0187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2930, 59.4092, 32.4779 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(155, 219, 136)` looks like.

```
.text, #text, p{  
    color:rgb(155, 219, 136)  
}
```

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(155, 219, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 219, 136) }
```

Border

The CSS property to change the border of an element to XYZ 43.2930, 59.4092, 32.4779 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(155, 219, 136) }
```


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

```
.border{ border-color:rgb(155, 219, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 219, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 219, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 219, 136);  
box-shadow:4px 4px 4px 4px rgb(155, 219,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2930, 59.4092, 32.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 219, 136) }
```

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

```
.background{ background-color: rgb(155,  
219, 136) }
```

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