

Converting Colors

XYZ(35.9100, 49.2926, 33.6084)

Have a look what the booklet for
XYZ(35.9100, 49.2926, 33.6084)
contains.

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Color

**XYZ(35.9100, 49.2926,
33.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	86CA8F
RGB	134, 202, 143
RGB Percent	53%, 79%, 56%
CMY	0.4745, 0.2078, 0.4392
CMYK	0.34, 0.00, 0.29, 0.21
HSL	128°, 39%, 66%
HSV	128°, 34%, 79%
XYZ	35.9100, 49.2926, 33.6084
YIQ	174.9420, -21.5890, -32.7650

Conversions

Conversions Part 2

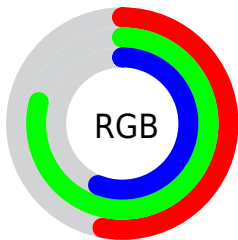
Format	Color
RYB	134, 194, 202
Decimal	8833679
CIELab	75.63, -33.51, 22.82
CIElCh	76, 40.543, 145.739
Yxy	49.2926, 0.3022, 0.4149
Android (android.graphics.Color)	4287023759 (0xFF86CA8F)
YUV	174.9420, -15.7474, -35.9061
Hunter-Lab	70.2087, -31.5669, 20.7644

Details

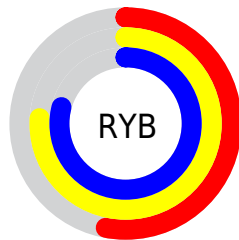
The XYZ color **35.9100, 49.2926, 33.6084** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.5095, 33.4581, 54.6716**, and the grayscale version is **40.8055, 42.9306, 46.7514**.

A 20% lighter version of the original color is **66.8243, 86.3700, 65.9724**, and **15.7588, 23.3895, 13.8093** is the 20% darker color. If you saturate the color by 10%, you get **31.7672, 47.2999, 27.0171**, and if you desaturate by 10%, it is **40.8779, 51.6894, 41.3233**.

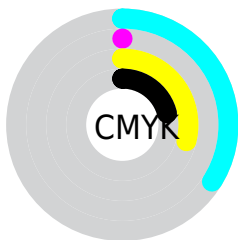
Distribution



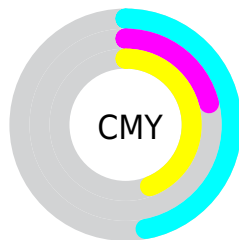
- Red (53%)
- Green (79%)
- Blue (56%)



- Red (53%)
- Yellow (76%)
- Blue (79%)



- Cyan (34%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)



- Cyan (47%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9100, 49.2926, 33.6084 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 35.9100, 49.2926, 33.6084 by changing the saturation by 10% instead.

■ 35.9100, 49.2926,
33.6084

■ 35.9100, 49.2926,
33.6084

320.0051,
383.8931, 333.0981

■ 24.5345, 34.8516,
22.3180

■ 68.2179, 89.1259,
66.4512

■ 15.8574, 23.5486,
13.8902

■ 89.8810, 115.2870,
88.8406

■ 9.5135, 14.9991,
7.9065

■ 115.7040,
146.1236, 115.7668

■ 5.1374, 8.8188,
3.9482

146.0523,
182.0201, 147.6483

■ 2.3637, 4.6232,
1.5970

181.2912,
223.3609, 184.9036

■ 0.8270, 2.0279,
0.2887

221.7860,

■ 0.0000, 0.6236,

270.5304, 227.9513

0.0000

267.9022,
323.9130, 277.2100

■ 0.0000, 0.0000,
0.0000

■ 35.9100, 49.2926,
33.6084

■ 35.9100, 49.2926,
33.6084

■ 31.7672, 47.2999,
27.0171

■ 40.8779, 51.6894,
41.3233

■ 28.4008, 45.6832,
21.4939

■ 46.7082, 54.5045,
50.2073

■ 25.7630, 44.4205,
16.9835

■ 53.4409, 57.7587,
60.3074

■ 23.7993, 43.4850,
13.4242

■ 61.1120, 61.4699,
71.6671

■ 22.4471, 42.8457,
10.7479

■ 69.7559, 65.6547,
84.3278

■ 21.6318, 42.4660,
8.8770

■ 79.3300, 70.2904,
98.3252

■ 21.3163, 42.3209,
8.0663

■ 80.4115, 70.7230,
104.0205

Harmonies

Analogous

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



40.8608, 49.2926, 24.3920



35.9100, 49.2926, 33.6084



33.8859, 49.2926, 50.6592

Triad

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



35.9100, 49.2926, 33.6084



45.7873, 49.2926, 106.3212



61.0860, 49.2926, 37.6529

Complementary

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



35.9100, 49.2926, 33.6084



42.5095, 33.4581, 54.6716

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.



62.7619, 49.2926, 56.8004



35.9100, 49.2926, 33.6084



53.4000, 49.2926, 100.1581

Square

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



35.9100, 49.2926, 33.6084



39.1892, 49.2926, 95.5761



59.8155, 49.2926, 80.4553



55.4518, 49.2926, 26.2523

Rectangle

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



35.9100, 49.2926, 33.6084



34.2912, 49.2926, 65.6776



59.8155, 49.2926, 80.4553



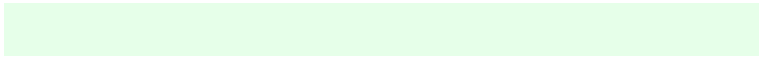
62.1551, 49.2926, 43.2253

Sweetspot

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



35.9113, 49.2947, 33.6095



82.9230, 94.1364, 90.7970



47.6909, 55.4429, 30.7427



17.4118, 19.9861, 18.9269



0.0000, 0.0000, 0.0000



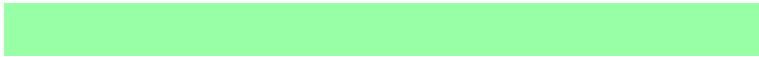
20.3446, 21.4041, 23.3091

Same Dimension

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



35.9113, 49.2947, 33.6095



55.8258, 81.0639, 49.0222



38.7834, 50.4435, 48.7338



11.1275, 12.5607, 12.2288



13.7350, 27.2393, 5.2898



0.7289, 1.4134, 0.3798

Inverse Universe

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



42.5095, 33.4581, 54.6716



68.5831, 50.4232, 89.7286



39.2347, 32.1481, 37.4267



11.6212, 11.3772, 13.8057



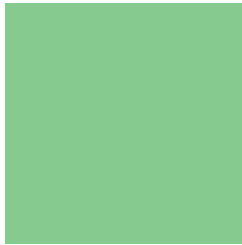
20.6932, 10.0879, 27.1666



1.0857, 0.5277, 1.4973

Previews

White Background



This preview shows how the XYZ color 35.9100, 49.2926, 33.6084 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 35.9100, 49.2926, 33.6084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

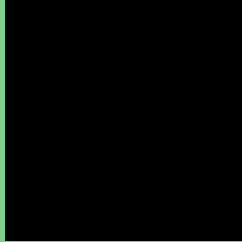
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9100, 49.2926, 33.6084

Background



This preview shows how black text looks on a background with the XYZ color 35.9100, 49.2926, 33.6084.



This preview shows how white text looks on a background with the XYZ color 35.9100, 49.2926,

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

35.9100, 49.2926, 33.6084

Protanopia

45.3461, 48.6176, 30.2867

Deuteranopia

49.5846, 48.5778, 34.7800



Tritanopia

42.8330, 49.3901, 67.5973

Trichromacy



Original Color

35.9100, 49.2926, 33.6084

Protanomaly

40.9702, 48.2396, 31.5779

Deuteranomaly

43.2083, 48.0551, 34.1924

Tritanomaly

39.8785, 49.1861, 53.2910

Monochromacy



Original Color

35.9100, 49.2926, 33.6084

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.4570, 44.8159, 41.2738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9100, 49.2926, 33.6084 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(134, 202, 143)` looks like.

```
.text, #text, p{  
    color:rgb(134, 202, 143)  
}
```

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(134, 202, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 202, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.9100, 49.2926, 33.6084 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(134, 202, 143) }
```


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

```
.border{ border-color:rgb(134, 202, 143) }
```

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

Here you see how a box with a 4 pixel rgb(134, 202, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 202, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 202, 143);  
box-shadow:4px 4px 4px 4px rgb(134, 202,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9100, 49.2926, 33.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 202, 143) }
```

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

```
.background{ background-color: rgb(134,  
202, 143) }
```

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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