

Converting Colors

XYZ(35.9145, 43.7820, 24.7364)

Have a look what the booklet for
XYZ(35.9145, 43.7820, 24.7364)
contains.

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Color

**XYZ(35.9044, 43.8649,
24.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B979
RGB	163, 185, 121
RGB Percent	64%, 73%, 47%
CMY	0.3608, 0.2745, 0.5255
CMYK	0.12, 0.00, 0.35, 0.27
HSL	81°, 31%, 60%
HSV	81°, 35%, 73%
XYZ	35.9044, 43.8649, 24.6636
YIQ	171.1260, 7.4320, -24.5680

Conversions

Conversions Part 2

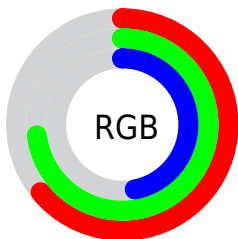
Format	Color
R_{YB}	121, 185, 143
Decimal	10729849
CIE _{Lab}	72.14, -18.46, 30.05
CIE _{LCh}	72, 35.265, 121.570
Yxy	43.8649, 0.3438, 0.4200
Android (android.graphics.Color)	4288919929 (0xFFA3B979)
YUV	171.1260, -24.7121, -7.1265
Hunter-Lab	66.2306, -19.1365, 24.2824

Details

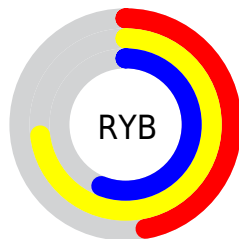
The XYZ color **35.9044, 43.8649, 24.6636** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.9238, 23.0184, 48.9253**, and the grayscale version is **38.8906, 40.9160, 44.5575**.

A 20% lighter version of the original color is **68.3087, 81.0267, 52.0839**, and **15.8190, 20.2725, 9.0405** is the 20% darker color. If you saturate the color by 10%, you get **33.6076, 42.8010, 19.1913**, and if you desaturate by 10%, it is **38.4866, 45.0535, 31.2868**.

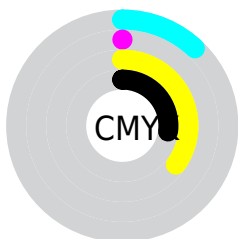
Distribution



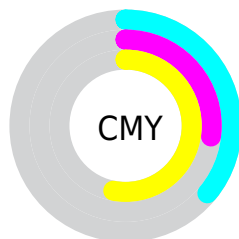
- Red (64%)
- Green (73%)
- Blue (47%)



- Red (47%)
- Yellow (73%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9044, 43.8649, 24.6636 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 35.9044, 43.8649, 24.6636 by changing the saturation by 10% instead.


 35.9044, 43.8649,
24.6636


 35.9044, 43.8649,
24.6636


319.9810,
362.1567, 289.5523


 24.5301, 30.5643,
15.6099


 68.2093, 81.0144,
52.0683

 15.8542, 20.2673,
9.0972


 89.8707, 105.6321,
71.2563

 9.5112, 12.5895,
4.7069


 115.6918,
134.7910, 94.6596

 5.1359, 7.1465,
2.0206

146.0380,
168.8754, 122.6965

 2.3628, 3.5539,
0.5679

181.2747,
208.2698, 155.7857

 0.8265, 1.4273,
0.0000

221.7672,

 0.0000, 0.2367,

253.3586, 194.3457

0.0000

267.8808,
304.5261, 238.7951

■ 0.0000, 0.0000,
0.0000

■ 35.9044, 43.8649,
24.6636

■ 35.9044, 43.8649,
24.6636

■ 33.6076, 42.8010,
19.1913

■ 38.4866, 45.0535,
31.2868

■ 31.5793, 41.8504,
14.8013

■ 41.3632, 46.3661,
39.1185

■ 29.8060, 41.0092,
11.4220


■ 44.5470, 47.8093,
48.2161


■ 28.2713, 40.2707,
8.9723


■ 48.0488, 49.3877,
58.6323


■ 26.9563, 39.6271,
7.3583


■ 51.8789, 51.1053,
70.4169


 25.8384, 39.0694,
6.4665

 56.0473, 52.9663,
83.6169

 25.2912, 38.7936,
6.1549

 60.5632, 54.9746,
98.2774

 63.0976, 56.1985,
102.1295

 64.9891, 57.1736,
102.2180

Harmonies

Analogous

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



41.3750, 43.8649, 21.6371



35.9044, 43.8649, 24.6636



32.2929, 43.8649, 33.6156

Triad

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



35.9044, 43.8649, 24.6636



36.4054, 43.8649, 83.3759



54.4085, 43.8649, 46.8562

Complementary

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



35.9044, 43.8649, 24.6636



26.9238, 23.0184, 48.9253

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.



52.7586, 43.8649, 65.4052



35.9044, 43.8649, 24.6636



42.0112, 43.8649, 89.3070

Square

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



35.9044, 43.8649, 24.6636



32.5620, 43.8649, 67.3704



48.0709, 43.8649, 82.0620



52.3873, 43.8649, 32.3825

Rectangle

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



35.9044, 43.8649, 24.6636



31.2297, 43.8649, 43.0507



48.0709, 43.8649, 82.0620



54.2640, 43.8649, 52.8038

Sweetspot

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



35.9055, 43.8668, 24.6645



76.5350, 84.1530, 76.9922



33.1830, 31.1415, 22.3518



16.3302, 18.0649, 16.1172



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.9055, 43.8668, 24.6645



60.9351, 77.0002, 36.0870



30.2652, 40.9592, 24.4006



9.4423, 10.3446, 9.6060



17.3007, 26.4552, 4.1945



0.6736, 0.9654, 0.1508

Inverse Universe

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



26.9238, 23.0184, 48.9253



42.2950, 33.7033, 86.4808



33.1258, 26.2157, 49.2156



8.8045, 8.8656, 11.3266



7.4562, 3.1550, 31.4691



0.3309, 0.1463, 1.1125

Previews

White Background



This preview shows how the XYZ color 35.9044, 43.8649, 24.6636 looks on a white background.

Color Contrast Check

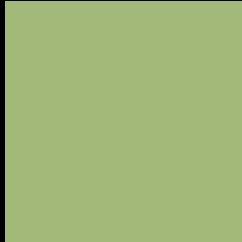
Large Text (above 18pt) WCAG AA × Fail

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 35.9044, 43.8649, 24.6636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

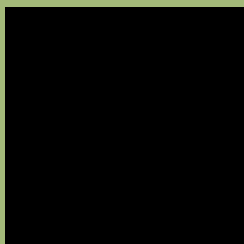
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9044, 43.8649, 24.6636

Background



This preview shows how black text looks on a background with the XYZ color 35.9044, 43.8649, 24.6636.



This preview shows how white text looks on a background with the XYZ color 35.9044, 43.8649,

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

35.9044, 43.8649, 24.6636

Protanopia

40.2812, 43.4350, 23.4003

Deuteranopia

44.4044, 43.5328, 25.1311



Tritanopia

41.8329, 43.5390, 54.9142

Trichromacy



Original Color

35.9044, 43.8649, 24.6636

Protanomaly

38.5059, 43.3959, 23.7995

Deuteranomaly

40.8974, 43.4275, 24.9657

Tritanomaly

39.2738, 43.3918, 41.9028

Monochromacy



Original Color

35.9044, 43.8649, 24.6636

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.4236, 41.6754, 36.2087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9044, 43.8649, 24.6636 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(163, 185, 121)` looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 121)  
}
```

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(163, 185, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 121) }
```

Border

The CSS property to change the border of an element to XYZ 35.9044, 43.8649, 24.6636 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(163, 185, 121) }
```


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

```
.border{ border-color:rgb(163, 185, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 121);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9044, 43.8649, 24.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 121) }
```

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

```
.background{ background-color: rgb(163,  
185, 121) }
```

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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