

Converting Colors

XYZ(44.5095, 49.2595, 35.5257)

Have a look what the booklet for
XYZ(44.5095, 49.2595, 35.5257)
contains.

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Color

**XYZ(44.6087, 49.3839,
35.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBD95
RGB	189, 189, 149
RGB Percent	74%, 74%, 58%
CMY	0.2588, 0.2588, 0.4157
CMYK	0.00, 0.00, 0.21, 0.26
HSL	60°, 23%, 66%
HSV	60°, 21%, 74%
XYZ	44.6087, 49.3839, 35.6147
YIQ	184.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

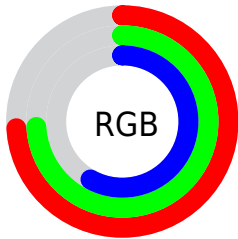
Format	Color
RYB	149, 189, 149
Decimal	12434837
CIELab	75.69, -6.65, 20.28
CIELCh	76, 21.346, 108.147
Yxy	49.3839, 0.3442, 0.3810
Android (android.graphics.Color)	4290624917 (0xFFBDBD95)
YUV	184.4400, -17.4719, 3.9991
Hunter-Lab	70.2737, -9.6698, 19.1434

Details

The XYZ color **44.6087, 49.3839, 35.6147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3290, 31.5599, 52.5345**, and the grayscale version is **45.8931, 48.2832, 52.5804**.

A 20% lighter version of the original color is **81.4379, 89.2094, 69.4268**, and **21.0004, 23.6411, 15.0116** is the 20% darker color. If you saturate the color by 10%, you get **43.2206, 48.8303, 28.3020**, and if you desaturate by 10%, it is **46.2443, 50.0399, 44.2193**.

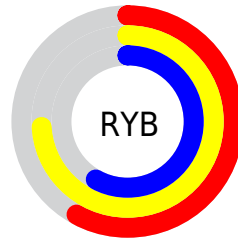
Distribution



Red (74%)

Green (74%)

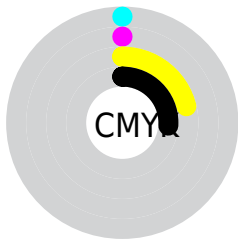
Blue (58%)



Red (58%)

Yellow (74%)

Blue (58%)

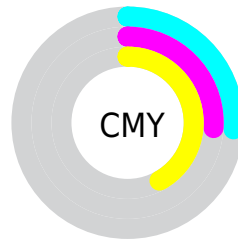


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6087, 49.3839, 35.6147 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 44.6087, 49.3839, 35.6147 by changing the saturation by 10% instead.

■ 44.6087, 49.3839,
35.6147

■ 44.6087, 49.3839,
35.6147

355.9969,
384.2517, 342.2597

■ 31.3493, 34.9241,
23.8494

■ 81.3736, 89.2614,
69.5993

■ 21.0181, 23.6044,
15.0108

■ 105.6098,
115.4478, 92.6557

■ 13.2498, 15.0404,
8.6803

134.2356,
146.3120, 120.3129

■ 7.6789, 8.8478,
4.4393

167.6165,
182.2382, 152.9894

■ 3.9403, 4.6420,
1.8693

206.1177,
223.6109, 191.1038

■ 1.6684, 2.0388,
0.4731

250.1045,

■ 0.4364, 0.6299,

270.8144, 235.0746

0.0000

299.9425,
324.2332, 285.3204

■ 0.0000, 0.0000,
0.0000

■ 44.6087, 49.3839,
35.6147

■ 44.6087, 49.3839,
35.6147

■ 43.2206, 48.8303,
28.3020

■ 46.2443, 50.0399,
44.2193

■ 42.0644, 48.3678,
22.2158

■ 48.1345, 50.7960,
54.1707

■ 41.1285, 47.9934,
17.2901

■ 50.2910, 51.6587,
65.5241

■ 40.3990, 47.7015,
13.4511

■ 52.7235, 52.6317,
78.3311

■ 39.8603, 47.4860,
10.6167

■ 55.4413, 53.7189,
92.6404

■ 39.4945, 47.3396,
8.6930

■ 57.2379, 54.4376,
102.0985

■ 39.2806, 47.2539,
7.5686

■ 57.2383, 54.4378,
102.0985

■ 39.1813, 47.2142,
7.0482

■ 57.2388, 54.4381,
102.0985

■ 57.2393, 54.4383,
102.0986

Harmonies

Analogous

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



48.5174, 49.3839, 35.1464



44.6087, 49.3839, 35.6147



41.4977, 49.3839, 40.5076

Triad

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



44.6087, 49.3839, 35.6147



42.0441, 49.3839, 71.6816



54.7817, 49.3839, 58.3697

Complementary

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



44.6087, 49.3839, 35.6147



32.3290, 31.5599, 52.5345

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.



52.8340, 49.3839, 69.6524



44.6087, 49.3839, 35.6147



45.3931, 49.3839, 78.0291

Square

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



44.6087, 49.3839, 35.6147



40.0753, 49.3839, 60.8442



49.3468, 49.3839, 77.2383



54.5424, 49.3839, 47.2678

Rectangle

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



44.6087, 49.3839, 35.6147



40.2268, 49.3839, 46.0638



49.3468, 49.3839, 77.2383



54.3567, 49.3839, 62.2925

Sweetspot

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



44.6100, 49.3861, 35.6157



84.4765, 90.2796, 87.9187



37.1601, 34.4848, 33.1322



18.1191, 19.3954, 18.6582



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



44.6100, 49.3861, 35.6157



78.7861, 88.0032, 57.9617



39.9864, 47.0026, 35.3994



10.3222, 11.1205, 10.1791



26.3610, 31.7655, 4.7420



1.0326, 1.2443, 0.1857

Inverse Universe

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



32.3290, 31.5599, 52.5345



53.1814, 50.8372, 93.2358



36.2964, 33.6051, 52.7202



9.0166, 9.2254, 11.9777



6.1804, 2.4722, 32.5443



0.2421, 0.0969, 1.2748

Previews

White Background



This preview shows how the XYZ color 44.6087, 49.3839, 35.6147 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 44.6087, 49.3839, 35.6147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

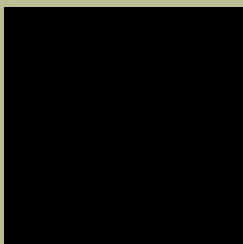
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

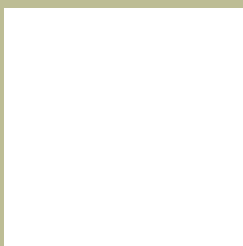
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6087, 49.3839, 35.6147

Background



This preview shows how black text looks on a background with the XYZ color 44.6087, 49.3839, 35.6147.



This preview shows how white text looks on a background with the XYZ color 44.6087, 49.3839,

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

44.6087, 49.3839, 35.6147

Protanopia

46.1929, 49.2617, 35.0908

Deuteranopia

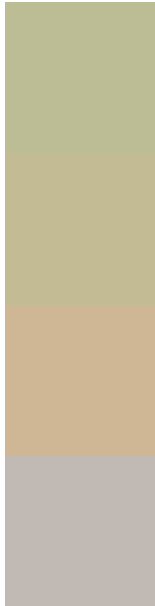
50.3213, 49.2263, 36.1276



Tritanopia

49.5172, 49.5003, 59.7680

Trichromacy



Original Color

44.6087, 49.3839, 35.6147

Protanomaly

45.6213, 49.2809, 35.1246

Deuteranomaly

48.1706, 49.3344, 35.8378

Tritanomaly

47.5795, 49.3307, 50.1941

Monochromacy



Original Color

44.6087, 49.3839, 35.6147

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.1593, 48.4972, 45.5088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6087, 49.3839, 35.6147 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(189, 189, 149)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 149)  
}
```

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(189, 189, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 149) }
```

Border

The CSS property to change the border of an element to XYZ 44.6087, 49.3839, 35.6147 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(189, 189, 149) }
```


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

```
.border{ border-color:rgb(189, 189, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 149);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6087, 49.3839, 35.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 149) }
```

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

```
.background{ background-color: rgb(189,  
189, 149) }
```

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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