

Converting Colors

XYZ(49.1725, 55.7035, 37.9889)

Have a look what the booklet for
XYZ(49.1725, 55.7035, 37.9889)
contains.

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Color

**XYZ(49.0598, 55.6424,
37.8601)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C998
RGB	195, 201, 152
RGB Percent	76%, 79%, 60%
CMY	0.2353, 0.2117, 0.4039
CMYK	0.03, 0.00, 0.24, 0.21
HSL	67°, 31%, 69%
HSV	67°, 24%, 79%
XYZ	49.0598, 55.6424, 37.8601
YIQ	193.6200, 12.1530, -16.5110

Conversions

Conversions Part 2

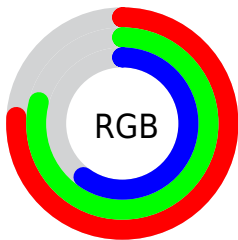
Format	Color
RYB	152, 201, 158
Decimal	12831128
CIELab	79.41, -10.17, 23.86
CIElCh	79, 25.938, 113.080
Yxy	55.6424, 0.3441, 0.3903
Android (android.graphics.Color)	4291021208 (0xFFC3C998)
YUV	193.6200, -20.5187, 1.2103
Hunter-Lab	74.5938, -13.1411, 22.1230

Details

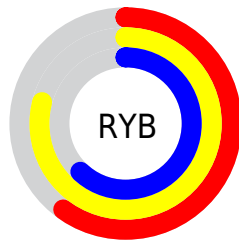
The XYZ color **49.0598, 55.6424, 37.8601** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.8736, 33.9441, 59.9226**, and the grayscale version is **51.1671, 53.8318, 58.6229**.

A 20% lighter version of the original color is **87.1674, 96.7204, 73.1062**, and **23.7672, 27.4697, 16.3614** is the 20% darker color. If you saturate the color by 10%, you get **46.9205, 54.7156, 29.8826**, and if you desaturate by 10%, it is **51.4916, 56.6911, 47.3099**.

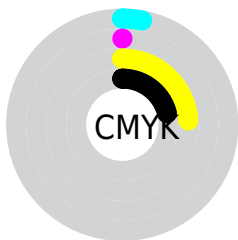
Distribution



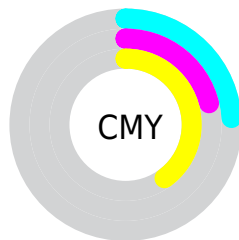
- Red (76%)
- Green (79%)
- Blue (60%)



- Red (60%)
- Yellow (79%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0598, 55.6424, 37.8601 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 49.0598, 55.6424, 37.8601 by changing the saturation by 10% instead.

■ 49.0598, 55.6424,
37.8601

■ 49.0598, 55.6424,
37.8601

373.4907,
408.3425, 352.2996

■ 34.8816, 39.9163,
25.5731

■ 87.9805, 98.4815,
73.0947

■ 23.7378, 27.4733,
16.2817

■ 113.4537,
126.3633, 96.8794

■ 15.2629, 17.9290,
9.5672

143.4226,
159.0658, 125.3338

■ 9.0916, 10.8990,
5.0111

178.2526,
196.9734, 158.8764

■ 4.8586, 5.9990,
2.1949

218.3091,
240.4705, 197.9257

■ 2.1984, 2.8445,
0.6714

263.9574,

■ 0.7419, 1.0511,

289.9414, 242.9004

0.0000

315.5628,
345.7706, 294.2188

■ 0.0000, 0.0000,
0.0000

■ 49.0598, 55.6424,
37.8601

■ 49.0598, 55.6424,
37.8601

■ 46.9205, 54.7156,
29.8826

■ 51.4916, 56.6911,
47.3099

■ 45.0551, 53.8978,
23.2998

■ 54.2245, 57.8597,
58.2972

■ 43.4499, 53.1852,
18.0324

■ 57.2725, 59.1554,
70.8877

■ 42.0878, 52.5710,
13.9916

■ 60.6470, 60.5830,
85.1423

■ 40.9500, 52.0478,
11.0779

■ 64.3590, 62.1469,
101.1186

■ 40.0145, 51.6067,
9.1761

■ 65.4532, 62.6649,
103.2535

■ 39.2548, 51.2370,
8.1465

■ 66.1590, 63.0287,
103.2865

■ 38.8771, 51.0495,
7.8045

■ 66.8756, 63.3981,
103.3201

■ 67.6031, 63.7732,
103.3541

Harmonies

Analogous

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



54.1012, 55.6424, 36.3563



49.0598, 55.6424, 37.8601



45.2829, 55.6424, 44.9493

Triad

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



49.0598, 55.6424, 37.8601



47.1003, 55.6424, 86.5064



63.4551, 55.6424, 64.1038

Complementary

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



49.0598, 55.6424, 37.8601



35.8736, 33.9441, 59.9226

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.



61.2967, 55.6424, 79.4820



49.0598, 55.6424, 37.8601



51.6900, 55.6424, 93.7201

Square

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



49.0598, 55.6424, 37.8601



44.2046, 55.6424, 72.5285



56.9070, 55.6424, 90.9587



62.6366, 55.6424, 50.0306

Rectangle

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



49.0598, 55.6424, 37.8601



43.8790, 55.6424, 52.6216



56.9070, 55.6424, 90.9587



63.0492, 55.6424, 69.3141

Sweetspot

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



49.0612, 55.6449, 37.8613



91.5078, 98.4907, 94.4233



41.9354, 39.0432, 35.0324



19.5238, 21.0543, 19.9571



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.



49.0612, 55.6449, 37.8613



82.0900, 94.4399, 57.6451



43.3036, 52.6767, 37.5918



11.3911, 12.3485, 11.3459



24.4954, 32.1231, 4.9093



1.1968, 1.5401, 0.2342

Inverse Universe

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



35.8736, 33.9441, 59.9226



55.8472, 51.2496, 101.5564



41.1153, 36.6463, 60.1679



10.1754, 10.3487, 13.3787



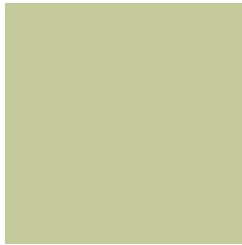
6.9173, 2.8002, 34.9203



0.3686, 0.1538, 1.6554

Previews

White Background



This preview shows how the XYZ color 49.0598, 55.6424, 37.8601 looks on a white background.

Color Contrast Check

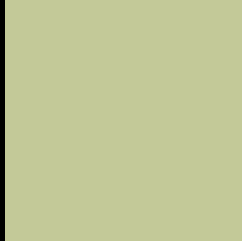
Large Text (above 18pt) WCAG AA × Fail

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 49.0598, 55.6424, 37.8601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

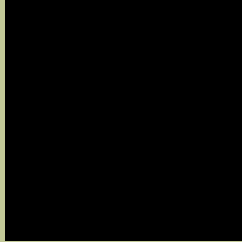
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0598, 55.6424, 37.8601

Background



This preview shows how black text looks on a background with the XYZ color 49.0598, 55.6424, 37.8601.



This preview shows how white text looks on a background with the XYZ color 49.0598, 55.6424,

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

49.0598, 55.6424, 37.8601

Protanopia

51.8233, 55.3835, 36.8129

Deuteranopia

56.7471, 55.5847, 38.7484



Tritanopia

55.2072, 55.4399, 68.1128

Trichromacy



Original Color

49.0598, 55.6424, 37.8601

Protanomaly

50.9568, 55.6017, 37.3246

Deuteranomaly

53.5180, 55.2247, 38.4106

Tritanomaly

52.6364, 55.3901, 55.4941

Monochromacy



Original Color

49.0598, 55.6424, 37.8601

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.3511, 54.6565, 50.5438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0598, 55.6424, 37.8601 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(195, 201, 152)` looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 152)  
}
```

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(195, 201, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 152) }
```

Border

The CSS property to change the border of an element to XYZ 49.0598, 55.6424, 37.8601 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(195, 201, 152) }
```


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

```
.border{ border-color:rgb(195, 201, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 201, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 201, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 201, 152); box-shadow:4px 4px 4px 4px rgb(195, 201, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0598, 55.6424, 37.8601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 152) }
```

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

```
.background{ background-color: rgb(195,  
201, 152) }
```

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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