

Converting Colors

XYZ(49.0693, 54.4788, 44.0056)

Have a look what the booklet for
XYZ(49.0693, 54.4788, 44.0056)
contains.

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Color

**XYZ(49.0693, 54.4788,
44.0056)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C1C6A6 |
| RGB | 193, 198, 166 |
| RGB Percent | 76%, 78%, 65% |
| CMY | 0.2431, 0.2235, 0.3490 |
| CMYK | 0.03, 0.00, 0.16, 0.22 |
| HSL | 69°, 22%, 71% |
| HSV | 69°, 16%, 78% |
| XYZ | 49.0693, 54.4788, 44.0056 |
| YIQ | 192.8570, 7.2920, -11.0120 |

Conversions

Conversions Part 2

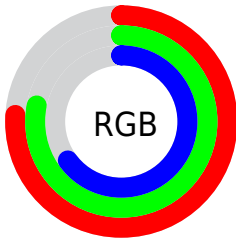
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 166, 198, 171 |
| Decimal | 12699302 |
| CIELab | 78.74, -7.26, 15.48 |
| CIElCh | 79, 17.092, 115.119 |
| Yxy | 54.4788, 0.3326, 0.3692 |
| Android (android.graphics.Color) | 4290889382 (0xFFC1C6A6) |
| YUV | 192.8570, -13.2405, 0.1254 |
| Hunter-Lab | 73.8098, -10.4989, 16.3180 |

Details

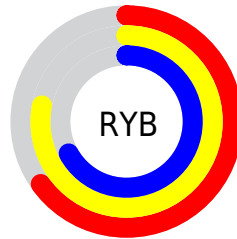
The XYZ color **49.0693, 54.4788, 44.0056** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6260, 40.0091, 59.0104**, and the grayscale version is **50.6781, 53.3173, 58.0625**.

A 20% lighter version of the original color is **88.2355, 97.0645, 82.4914**, and **23.6580, 26.6504, 19.8167** is the 20% darker color. If you saturate the color by 10%, you get **46.6105, 53.4069, 35.1281**, and if you desaturate by 10%, it is **51.8272, 55.6759, 54.3591**.

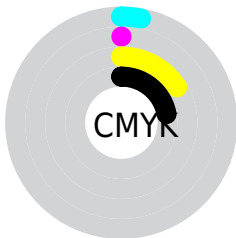
Distribution



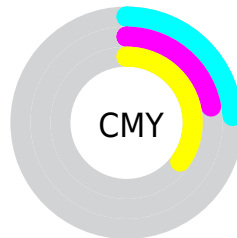
- Red (76%)
- Green (78%)
- Blue (65%)



- Red (65%)
- Yellow (78%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)





- Cyan (24%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0693, 54.4788, 44.0056 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 49.0693, 54.4788, 44.0056 by changing the saturation by 10% instead.


 49.0693, 54.4788,
44.0056


 49.0693, 54.4788,
44.0056


373.5275,
403.9332, 378.7732

 34.8892, 38.9846,
30.3377


 87.9945, 96.7769,
82.5287

 23.7437, 26.7477,
19.8408


 113.4703,
124.3496, 108.2210

 15.2673, 17.3839,
12.0965


143.4420,
156.7172, 138.7585

 9.0947, 10.5085,
6.6861

178.2751,
194.2641, 174.5598

 4.8606, 5.7374,
3.1911

218.3348,
237.3748, 216.0434

 2.1996, 2.6861,
1.1930

263.9866,

 0.7425, 0.9701,

286.4336, 263.6277

0.0000

315.5957,
341.8250, 317.7315

■ 0.0000, 0.0000,
0.0000

■ 49.0693, 54.4788,
44.0056

■ 49.0693, 54.4788,
44.0056

■ 46.6105, 53.4069,
35.1281

■ 51.8272, 55.6759,
54.3591

■ 44.4336, 52.4478,
27.6560

■ 54.8920, 56.9959,
66.2479

■ 42.5263, 51.5984,
21.5180


■ 58.2764, 58.4456,
79.7324


■ 40.8734, 50.8526,
16.6352


■ 61.9911, 60.0295,
94.8688


■ 39.4583, 50.2039,
12.9207


■ 64.3933, 61.0903,
103.0054


 38.2623, 49.6446,
10.2761


 65.2751, 61.5448,
103.0467


 37.2636, 49.1661,
8.5872

 66.1740, 62.0082,
103.0888

 36.4344, 48.7573,
7.7090

 67.0901, 62.4805,
103.1317

 36.1406, 48.6106,
7.4780

 68.0234, 62.9617,
103.1753

Harmonies

Analogous

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



52.3357, 54.4788, 42.6324



49.0693, 54.4788, 44.0056



46.6279, 54.4788, 49.2941

Triad

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



49.0693, 54.4788, 44.0056



48.1506, 54.4788, 75.9417



58.5324, 54.4788, 60.9168

Complementary

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



49.0693, 54.4788, 44.0056



40.6260, 40.0091, 59.0104

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.



57.2992, 54.4788, 70.6166



49.0693, 54.4788, 44.0056



51.2292, 54.4788, 79.8723

Square

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



49.0693, 54.4788, 44.0056



46.1139, 54.4788, 67.5786



54.5897, 54.4788, 77.8252



57.8932, 54.4788, 51.7599

Rectangle

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



49.0693, 54.4788, 44.0056



45.7476, 54.4788, 54.6635



54.5897, 54.4788, 77.8252



58.3217, 54.4788, 64.2298

Sweetspot

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



49.0708, 54.4812, 44.0068



92.3349, 98.8297, 98.4109



44.6986, 43.8108, 42.1776



19.6842, 21.1194, 20.7606



0.0000, 0.0000, 0.0000



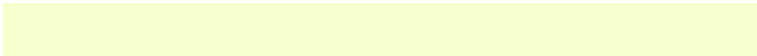
20.3446, 21.4041, 23.3091

Same Dimension

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



49.0708, 54.4812, 44.0068



85.4749, 95.8543, 72.7402



45.2560, 52.5146, 43.8282



11.3547, 12.3298, 11.3442



23.5611, 31.6415, 4.8656



1.1607, 1.5215, 0.2325

Inverse Universe

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



40.6260, 40.0091, 59.0104



68.0224, 65.9430, 103.7509



44.2757, 41.8905, 59.1812



10.2086, 10.3658, 13.3802



7.0426, 2.8649, 34.9261



0.3838, 0.1616, 1.6561

Previews

White Background



This preview shows how the XYZ color 49.0693, 54.4788, 44.0056 looks on a white background.

Color Contrast Check

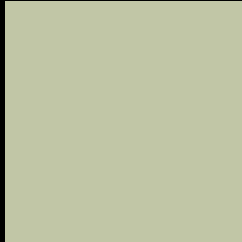
Large Text (above 18pt) WCAG AA × Fail

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 49.0693, 54.4788, 44.0056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

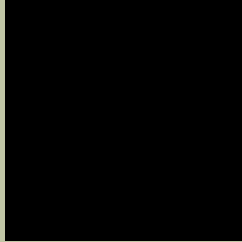
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

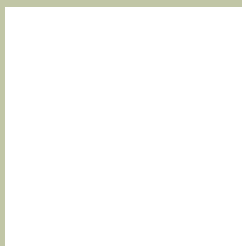
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0693, 54.4788, 44.0056

Background



This preview shows how black text looks on a background with the XYZ color 49.0693, 54.4788, 44.0056.



This preview shows how white text looks on a background with the XYZ color 49.0693, 54.4788,

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

49.0693, 54.4788, 44.0056

Protanopia

51.1695, 54.2430, 42.8950

Deuteranopia

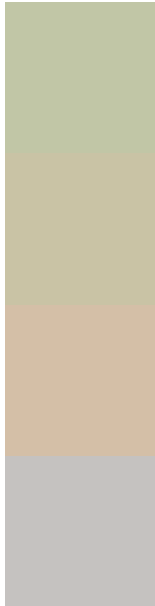
55.2696, 54.0558, 44.5666



Tritanopia

53.6653, 54.3464, 66.6929

Trichromacy



Original Color

49.0693, 54.4788, 44.0056

Protanomaly

50.3940, 54.1643, 43.3960

Deuteranomaly

52.7572, 54.0487, 44.2110

Tritanomaly

51.8322, 54.2597, 57.6105

Monochromacy



Original Color

49.0693, 54.4788, 44.0056

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0547, 53.7866, 52.5434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0693, 54.4788, 44.0056 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(193, 198, 166)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 166)  
}
```

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(193, 198, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 166) }
```

Border

The CSS property to change the border of an element to XYZ 49.0693, 54.4788, 44.0056 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(193, 198, 166) }
```


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

```
.border{ border-color:rgb(193, 198, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 198, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 198, 166); box-shadow:4px 4px 4px 4px rgb(193, 198, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0693, 54.4788, 44.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 166) }
```

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

```
.background{ background-color: rgb(193,  
198, 166) }
```

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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