

Converting Colors

XYZ(55.9793, 64.3441, 47.7930)

Have a look what the booklet for
XYZ(55.9793, 64.3441, 47.7930)
contains.

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Color

**XYZ(55.9939, 64.4695,
48.0207)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C9D8AB |
| RGB | 201, 216, 171 |
| RGB Percent | 79%, 85%, 67% |
| CMY | 0.2118, 0.1529, 0.3294 |
| CMYK | 0.07, 0.00, 0.21, 0.15 |
| HSL | 80°, 37%, 76% |
| HSV | 80°, 21%, 85% |
| XYZ | 55.9939, 64.4695, 48.0207 |
| YIQ | 206.3850, 5.5050, -17.1750 |

Conversions

Conversions Part 2

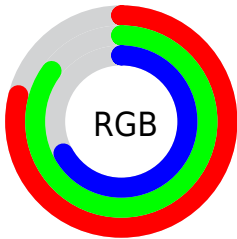
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 171, 216, 186 |
| Decimal | 13228203 |
| CIELab | 84.21, -12.79, 20.54 |
| CIELCh | 84, 24.194, 121.905 |
| Yxy | 64.4695, 0.3323, 0.3826 |
| Android (android.graphics.Color) | 4291418283 (0xFFC9D8AB) |
| YUV | 206.3850, -17.4448, -4.7226 |
| Hunter-Lab | 80.2929, -16.0319, 20.7455 |

Details

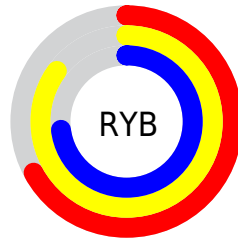
The XYZ color **55.9939, 64.4695, 48.0207** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.2099, 44.5245, 71.0751**, and the grayscale version is **59.0203, 62.0939, 67.6203**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **28.1073, 33.0247, 22.3458** is the 20% darker color. If you saturate the color by 10%, you get **52.2106, 62.7399, 37.9602**, and if you desaturate by 10%, it is **60.2079, 66.3862, 59.8603**.

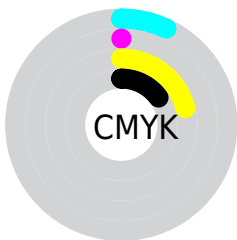
Distribution



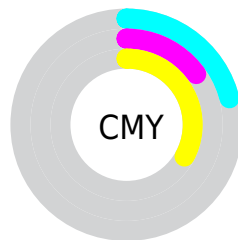
- Red (79%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)





- Cyan (21%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9939, 64.4695, 48.0207 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 55.9939, 64.4695, 48.0207 by changing the saturation by 10% instead.


 55.9939, 64.4695,
48.0207

 55.9939, 64.4695,
48.0207


399.7439,
440.8831, 395.3852

 40.4350, 47.0310,
33.4832


 98.1355, 111.2868,
88.6011

 28.0636, 33.0602,
22.2227


125.4490,
141.4345, 115.4810

 18.5143, 22.1726,
13.8207


157.4113,
176.5873, 147.3122

 11.4218, 13.9838,
7.8588

194.3879,
217.1297, 184.5131

 6.4207, 8.1094,
3.9182

236.7441,
263.4461, 227.5024

 3.1456, 4.1650,
1.5806

284.8453,

 1.2312, 1.7663,

315.9209, 276.6984

0.2769

339.0568,
374.9384, 332.5199

■ 0.1308, 0.4660,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9939, 64.4695,
48.0207

■ 55.9939, 64.4695,
48.0207

■ 52.2106, 62.7399,
37.9602

■ 60.2079, 66.3862,
59.8603

■ 48.8354, 61.1817,
29.5887

■ 64.8639, 68.4882,
73.5551

■ 45.8510, 59.7900,
22.8144

■ 69.9792, 70.7846,
89.1817

■ 43.2367, 58.5565,
17.5349

■ 75.1787, 73.1256,
104.7601

■ 40.9696, 57.4717,
13.6363

■ 77.5355, 74.3406,
104.8704

■ 39.0236, 56.5251,
10.9882

■ 79.9889, 75.6054,
104.9852

■ 37.3677, 55.7041,
9.4349

■ 82.5400, 76.9205,
105.1046

■ 36.0565, 55.0425,
8.7239

■ 83.8472, 77.5944,
105.1657

Harmonies

Analogous

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



60.9346, 64.4695, 44.6563



55.9939, 64.4695, 48.0207



52.6344, 64.4695, 57.2049

Triad

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



55.9939, 64.4695, 48.0207



56.5542, 64.4695, 99.5562



72.1541, 64.4695, 69.2204

Complementary

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



55.9939, 64.4695, 48.0207



47.2099, 44.5245, 71.0751

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.



70.8159, 64.4695, 85.0193



55.9939, 64.4695, 48.0207



61.6193, 64.4695, 103.9858

Square

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



55.9939, 64.4695, 48.0207



52.9444, 64.4695, 86.9635



66.8809, 64.4695, 98.3236



70.4395, 64.4695, 55.7360

Rectangle

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



55.9939, 64.4695, 48.0207



51.6372, 64.4695, 66.1254



66.8809, 64.4695, 98.3236



72.0461, 64.4695, 74.4310

Sweetspot

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



55.9956, 64.4723, 48.0221



90.8317, 98.0988, 96.3522



53.2308, 52.6591, 45.8876



19.3466, 20.9542, 20.3441



0.0000, 0.0000, 0.0000



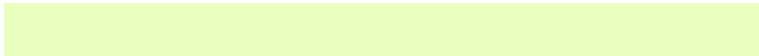
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9956, 64.4723, 48.0221



79.0395, 92.7419, 63.1697



50.3836, 61.5793, 47.7595



13.0519, 14.3029, 13.2335



21.4593, 32.6390, 5.1689



1.3804, 2.0130, 0.3158

Inverse Universe

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



47.2099, 44.5245, 71.0751



64.0326, 58.6630, 102.5559



53.1131, 47.5678, 71.3514



12.1289, 12.2078, 15.6546



9.0216, 3.8033, 38.7118



0.6307, 0.2740, 2.3390

Previews

White Background



This preview shows how the XYZ color 55.9939, 64.4695, 48.0207 looks on a white background.

Color Contrast Check

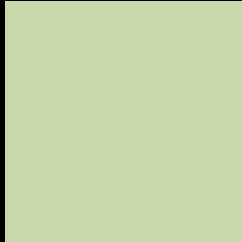
Large Text (above 18pt) WCAG AA × Fail

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 55.9939, 64.4695, 48.0207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

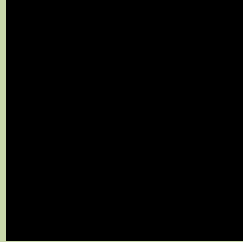
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9939, 64.4695, 48.0207

Background



This preview shows how black text looks on a background with the XYZ color 55.9939, 64.4695, 48.0207.



This preview shows how white text looks on a background with the XYZ color 55.9939, 64.4695,

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

55.9939, 64.4695, 48.0207

Protanopia

60.2998, 64.1161, 46.2433

Deuteranopia

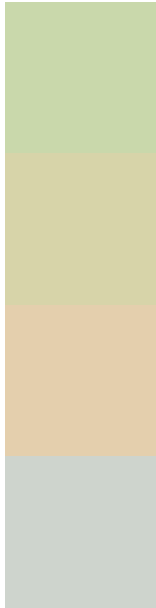
65.7227, 64.3517, 49.0016



Tritanopia

62.6856, 64.5925, 80.3979

Trichromacy



Original Color

55.9939, 64.4695, 48.0207

Protanomaly

58.7292, 64.3986, 46.8709

Deuteranomaly

61.8506, 64.1368, 48.6549

Tritanomaly

60.0165, 64.6166, 67.0666

Monochromacy



Original Color

55.9939, 64.4695, 48.0207

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5741, 62.7808, 59.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9939, 64.4695, 48.0207 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(201, 216, 171)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 171)  
}
```

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(201, 216, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.9939, 64.4695, 48.0207 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(201, 216, 171) }
```


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

```
.border{ border-color:rgb(201, 216, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9939, 64.4695, 48.0207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 171) }
```

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

```
.background{ background-color: rgb(201,  
216, 171) }
```

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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