

Converting Colors

XYZ(49.4099, 48.1770, 48.8144)

Have a look what the booklet for
XYZ(49.4099, 48.1770, 48.8144)
contains.

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Color

**XYZ(49.4099, 48.1770,
48.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB2B2
RGB	206, 178, 178
RGB Percent	81%, 70%, 70%
CMY	0.1922, 0.3019, 0.3020
CMYK	0.00, 0.14, 0.14, 0.19
HSL	0°, 22%, 75%
HSV	0°, 14%, 81%
XYZ	49.4099, 48.1770, 48.8144
YIQ	186.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

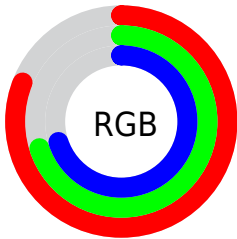
Format	Color
R _{YB}	206, 178, 178
Decimal	13546162
CIE Lab	74.94, 10.07, 3.72
CIE LCh	75, 10.730, 20.263
Yxy	48.1770, 0.3375, 0.3291
Android (android.graphics.Color)	4291736242 (0xFFCEB2B2)
YUV	186.3720, -4.1274, 17.2138
Hunter-Lab	69.4097, 5.6000, 6.8893

Details

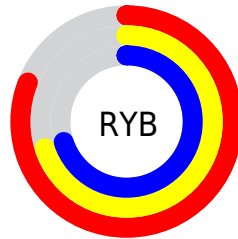
The XYZ color **49.4099, 48.1770, 48.8144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.5716, 58.0626, 66.8821**, and the grayscale version is **46.8977, 49.3401, 53.7313**.

A 20% lighter version of the original color is **85.5141, 86.0462, 89.9434**, and **23.7978, 22.7272, 22.5345** is the 20% darker color. If you saturate the color by 10%, you get **43.7000, 39.8222, 37.4614**, and if you desaturate by 10%, it is **56.0484, 57.8911, 62.0105**.

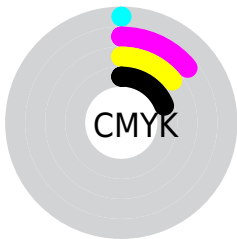
Distribution



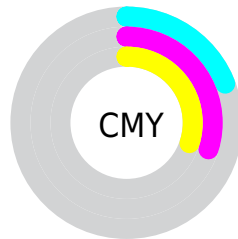
- Red (81%)
- Green (70%)
- Blue (70%)



- Red (81%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4099, 48.1770, 48.8144 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 49.4099, 48.1770, 48.8144 by changing the saturation by 10% instead.

 49.4099, 48.1770,
48.8144

 49.4099, 48.1770,
48.8144


374.8440,
379.4933, 398.6126

 35.1606, 33.9671,
34.1077


 88.4970, 87.4679,
89.7939

 23.9537, 22.8683,
22.6983

114.0655,
113.3176, 116.9037

 15.4238, 14.4963,
14.1677


144.1379,
143.8161, 148.9851

 9.2056, 8.4666,
8.0973

179.0794,
179.3477, 186.4564

 4.9337, 4.3950,
4.0686

219.2554,
220.2968, 229.7363

 2.2428, 1.8969,
1.6631

265.0313,

 0.7651, 0.5465,

267.0479, 279.2433

0.3352

316.7724,
319.9852, 335.3959

■ 0.0000, 0.0000,
0.0000

■ 49.4099, 48.1770,
48.8144

■ 49.4099, 48.1770,
48.8144

■ 43.7000, 39.8222,
37.4614

■ 56.0484, 57.8911,
62.0105

■ 38.8737, 32.7599,
27.8666

■ 63.6502, 69.0143,
77.1233

■ 34.8879, 26.9276,
19.9431

■ 72.2529, 81.6021,
94.2262

■ 31.6947, 22.2550,
13.5954

■ 79.2638, 91.8619,
108.1612

■ 29.2412, 18.6646,
8.7182

■ 27.4680, 16.0698,
5.1936

■ 26.3067, 14.3703,
2.8856

■ 25.6746, 13.4452,
1.6296

■ 25.4541, 13.1225,
1.1913

Harmonies

Analogous

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



49.5980, 48.1770, 54.2992



49.4099, 48.1770, 48.8144



48.2370, 48.1770, 44.6030

Triad

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



49.4099, 48.1770, 48.8144



42.9595, 48.1770, 45.8687



45.1577, 48.1770, 63.8032

Complementary

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



49.4099, 48.1770, 48.8144



51.5716, 58.0626, 66.8821

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.



43.4287, 48.1770, 61.1818



49.4099, 48.1770, 48.8144



42.1836, 48.1770, 50.6561

Square

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



49.4099, 48.1770, 48.8144



44.5007, 48.1770, 42.9881



42.3529, 48.1770, 56.2755



47.1055, 48.1770, 63.2223

Rectangle

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



49.4099, 48.1770, 48.8144



47.0725, 48.1770, 42.9585



42.3529, 48.1770, 56.2755



44.5326, 48.1770, 63.2606

Sweetspot

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



49.4112, 48.1791, 48.8154



90.2833, 93.0251, 99.4234



52.5151, 49.4195, 65.1641



19.1386, 19.6394, 20.9115



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.



49.4112, 48.1791, 48.8154



77.5018, 74.3225, 74.0132



52.3397, 54.0361, 49.7916



11.2125, 11.2139, 11.6530



15.6738, 8.0805, 0.7336



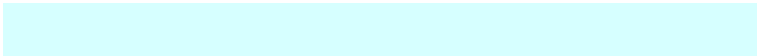
0.8086, 0.4170, 0.0379

Inverse Universe

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



51.5716, 58.0626, 66.8821



81.5982, 93.0627, 108.2700



48.3509, 51.6211, 65.8085



11.5432, 12.7268, 14.4185



20.4467, 29.9175, 40.6533



1.0549, 1.5435, 2.0973

Previews

White Background



This preview shows how the XYZ color 49.4099, 48.1770, 48.8144 looks on a white background.

Color Contrast Check

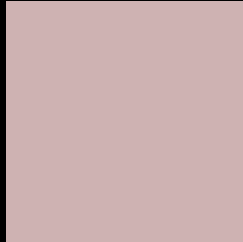
Large Text (above 18pt) WCAG AA × Fail

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 49.4099, 48.1770, 48.8144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

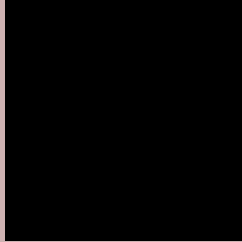
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.4099, 48.1770, 48.8144

Background



This preview shows how black text looks on a background with the XYZ color 49.4099, 48.1770, 48.8144.



This preview shows how white text looks on a background with the XYZ color 49.4099, 48.1770,

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

49.4099, 48.1770, 48.8144

Protanopia

46.4672, 48.4360, 50.6161

Deuteranopia

49.1331, 48.0343, 48.8014



Tritanopia

50.8320, 48.1783, 55.3354

Trichromacy



Original Color

49.4099, 48.1770, 48.8144

Protanomaly

47.4718, 48.3533, 50.0111

Deuteranomaly

49.1331, 48.0343, 48.8014

Tritanomaly

50.3172, 48.2548, 53.1165

Monochromacy



Original Color

49.4099, 48.1770, 48.8144

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.4730, 48.6233, 51.6829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4099, 48.1770, 48.8144 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(206, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 178)  
}
```

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(206, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 178) }
```

Border

The CSS property to change the border of an element to XYZ 49.4099, 48.1770, 48.8144 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(206, 178, 178) }
```


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

```
.border{ border-color:rgb(206, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4099, 48.1770, 48.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 178) }
```

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

```
.background{ background-color: rgb(206,  
178, 178) }
```

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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