

Converting Colors

XYZ(54.1433, 51.0178, 49.3730)

Have a look what the booklet for
XYZ(54.1433, 51.0178, 49.3730)
contains.

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Color

**XYZ(53.9748, 50.8267,
49.0852)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB3B2
RGB	221, 179, 178
RGB Percent	87%, 70%, 70%
CMY	0.1333, 0.2980, 0.3020
CMYK	0.00, 0.19, 0.19, 0.13
HSL	1°, 39%, 78%
HSV	1°, 19%, 87%
XYZ	53.9748, 50.8267, 49.0852
YIQ	191.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

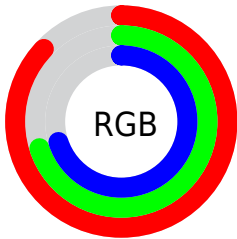
Format	Color
R_{YB}	221, 179, 178
Decimal	14529458
CIE _{Lab}	76.57, 15.03, 6.26
CIE _{LCh}	77, 16.276, 22.607
Yxy	50.8267, 0.3507, 0.3303
Android (android.graphics.Color)	4292719538 (0xFFDDB3B2)
YUV	191.4440, -6.6279, 25.9206
Hunter-Lab	71.2928, 10.3773, 9.0838

Details

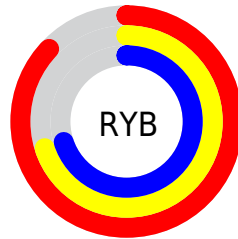
The XYZ color **53.9748, 50.8267, 49.0852** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.0039, 65.8702, 78.1169**, and the grayscale version is **49.8072, 52.4010, 57.0647**.

A 20% lighter version of the original color is **85.7996, 86.6172, 90.0386**, and **26.6796, 24.4017, 22.7059** is the 20% darker color. If you saturate the color by 10%, you get **47.9398, 42.0260, 36.9938**, and if you desaturate by 10%, it is **61.0472, 61.1292, 63.2873**.

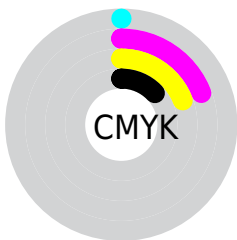
Distribution



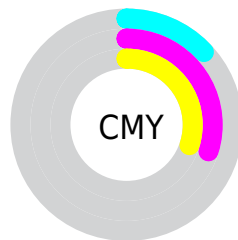
- Red (87%)
- Green (70%)
- Blue (70%)



- Red (87%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9748, 50.8267, 49.0852 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 53.9748, 50.8267, 49.0852 by changing the saturation by 10% instead.


 53.9748, 50.8267,
49.0852

 53.9748, 50.8267,
49.0852


392.2138,
389.8901, 399.7097

 38.8121, 36.0707,
34.3210

 95.1944, 91.3986,
90.2003

 26.7937, 24.4888,
22.8609


121.9819,
117.9832, 117.3882

 17.5541, 15.6966,
14.2865

153.3752,
149.2795, 149.5545

 10.7281, 9.3097,
8.1792

189.7394,
185.6719, 187.1177

 5.9502, 4.9438,
4.1204

231.4401,
227.5448, 230.4962

 2.8552, 2.2143,
1.6916

278.8424,

 1.0777, 0.7278,

275.2825, 280.1087

0.3550

332.3119,
329.2695, 336.3737

■ 0.0063, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9748, 50.8267,
49.0852

■ 53.9748, 50.8267,
49.0852

■ 47.9398, 42.0260,
36.9938

■ 61.0472, 61.1292,
63.2873

■ 42.8895, 34.6505,
26.9093

■ 69.1982, 72.9917,
79.6905

■ 38.7730, 28.6273,
18.7242

■ 78.4717, 86.4777,
98.3841

■ 35.5329, 23.8745,
12.3195

■ 83.6290, 94.1123,
108.3655

■ 33.1059, 20.3009,
7.5629

■ 31.4198, 17.8036,
4.3037

■ 30.3900, 16.2619,
2.3636

■ 29.8943, 15.5124,
1.4531

■ 29.8750, 15.4843,
1.4142

Harmonies

Analogous

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



54.4121, 50.8267, 57.5489



53.9748, 50.8267, 49.0852



51.9890, 50.8267, 42.9508

Triad

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



53.9748, 50.8267, 49.0852



43.7631, 50.8267, 45.6836



47.5525, 50.8267, 73.8867

Complementary

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



53.9748, 50.8267, 49.0852



57.0039, 65.8702, 78.1169

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.



44.8074, 50.8267, 69.9120



53.9748, 50.8267, 49.0852



42.6807, 50.8267, 53.1915

Square

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



53.9748, 50.8267, 49.0852



46.0722, 50.8267, 41.1371



43.0547, 50.8267, 62.1083



50.6176, 50.8267, 72.4890

Rectangle

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



53.9748, 50.8267, 49.0852



50.0981, 50.8267, 40.7064



43.0547, 50.8267, 62.1083



46.5636, 50.8267, 73.1214

Sweetspot

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



53.9762, 50.8290, 49.0863



88.1006, 89.8874, 94.9112



58.6956, 52.3959, 74.9274



18.7024, 19.0144, 20.0037



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.



53.9762, 50.8290, 49.0863



71.3737, 65.5216, 61.3188



58.5597, 59.9961, 50.6141



13.0803, 13.0999, 13.5647



17.3661, 9.0178, 0.8253



1.1338, 0.6018, 0.0564

Inverse Universe

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



57.0039, 65.8702, 78.1169



76.2307, 89.6520, 107.8945



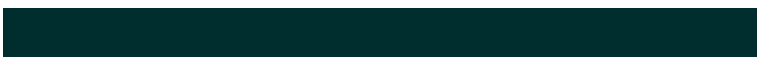
51.7855, 55.4333, 76.3774



13.4174, 14.7746, 16.7968



21.8349, 31.5393, 44.6753



1.4230, 2.0602, 2.8971

Previews

White Background



This preview shows how the XYZ color 53.9748, 50.8267, 49.0852 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 53.9748, 50.8267, 49.0852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

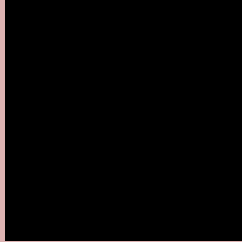
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9748, 50.8267, 49.0852

Background



This preview shows how black text looks on a background with the XYZ color 53.9748, 50.8267, 49.0852.



This preview shows how white text looks on a background with the XYZ color 53.9748, 50.8267,

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

53.9748, 50.8267, 49.0852

Protanopia

48.7786, 50.8547, 52.0448

Deuteranopia

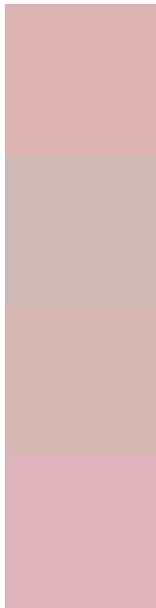
52.0207, 51.0383, 48.7046



Tritanopia

55.5575, 50.8938, 56.1855

Trichromacy



Original Color

53.9748, 50.8267, 49.0852

Protanomaly

50.5913, 50.8715, 50.8688

Deuteranomaly

52.6881, 51.0773, 48.6769

Tritanomaly

54.9075, 50.9156, 53.3881

Monochromacy



Original Color

53.9748, 50.8267, 49.0852

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9904, 51.6424, 53.7349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9748, 50.8267, 49.0852 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(221, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 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(221, 179, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 178) }
```

Border

The CSS property to change the border of an element to XYZ 53.9748, 50.8267, 49.0852 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(221, 179, 178) }
```


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

```
.border{ border-color:rgb(221, 179, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(221, 179,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9748, 50.8267, 49.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 178) }
```

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

```
.background{ background-color: rgb(221,  
179, 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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