

Converting Colors

XYZ(49.9069, 53.3220, 52.0025)

Have a look what the booklet for
XYZ(49.9069, 53.3220, 52.0025)
contains.

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Color

**XYZ(49.9834, 53.4303,
51.9346)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C2B6
RGB	194, 194, 182
RGB Percent	76%, 76%, 71%
CMY	0.2392, 0.2392, 0.2863
CMYK	0.00, 0.00, 0.06, 0.24
HSL	60°, 9%, 74%
HSV	60°, 6%, 76%
XYZ	49.9834, 53.4303, 51.9346
YIQ	192.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

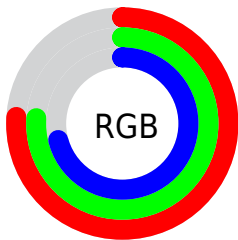
Format	Color
RYB	182, 194, 182
Decimal	12763830
CIELab	78.13, -2.14, 6.03
CIELCh	78, 6.395, 109.580
Yxy	53.4303, 0.3218, 0.3439
Android (android.graphics.Color)	4290953910 (0xFFC2C2B6)
YUV	192.6320, -5.2416, 1.1997
Hunter-Lab	73.0960, -5.8589, 9.0418

Details

The XYZ color **49.9834, 53.4303, 51.9346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7590, 47.2974, 57.7593**, and the grayscale version is **50.5020, 53.1320, 57.8608**.

A 20% lighter version of the original color is **89.0426, 94.8683, 94.5073**, and **24.1557, 25.9166, 24.4981** is the 20% darker color. If you saturate the color by 10%, you get **48.1148, 52.6844, 42.0963**, and if you desaturate by 10%, it is **52.1328, 54.2920, 63.2382**.

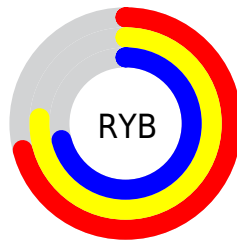
Distribution



Red (76%)

Green (76%)

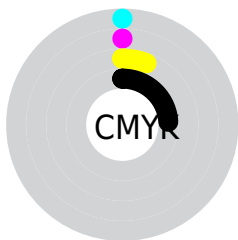
Blue (71%)



Red (71%)

Yellow (76%)

Blue (71%)

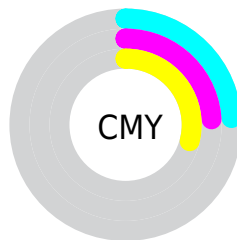


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9834, 53.4303, 51.9346 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 49.9834, 53.4303, 51.9346 by changing the saturation by 10% instead.

■ 49.9834, 53.4303,
51.9346

■ 49.9834, 53.4303,
51.9346

377.0541,
399.9338, 411.1338

■ 35.6180, 38.1464,
36.5711

■ 89.3422, 95.2373,
94.4604

■ 24.3080, 26.0963,
24.5824

115.0664,
122.5291, 122.4597

■ 15.6882, 16.8957,
15.5500

145.3074,
154.5923, 155.5080

■ 9.3933, 10.1602,
9.0554

180.4307,
191.8114, 194.0239

■ 5.0577, 5.5053,
4.6800

220.8017,
234.5707, 238.4259

■ 2.3163, 2.5467,
2.0053

266.7857,

■ 0.8030, 0.8999,

283.2546, 289.1325

0.5586

318.7480,
338.2475, 346.5623

■ 0.0000, 0.0000,
0.0000

■ 49.9834, 53.4303,
51.9346

■ 49.9834, 53.4303,
51.9346

■ 48.1148, 52.6844,
42.0963

■ 52.1328, 54.2920,
63.2382

■ 46.5112, 52.0428,
33.6601

■ 54.5692, 55.2667,
76.0601

■ 45.1619, 51.5029,
26.5633

■ 57.3043, 56.3609,
90.4546

■ 44.0540, 51.0595,
20.7369

■ 59.5976, 57.2784,
102.5225

■ 43.1730, 50.7070,
16.1061

■ 59.5991, 57.2792,
102.5225

■ 42.5033, 50.4389,
12.5879

■ 59.6007, 57.2801,
102.5226

■ 42.0272, 50.2483,
10.0891

■ 59.6023, 57.2809,
102.5227

■ 41.7241, 50.1269,
8.5010

■ 59.6039, 57.2817,
102.5227

■ 41.5676, 50.0641,
7.6849

■ 59.6055, 57.2825,
102.5228

Harmonies

Analogous

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



51.2194, 53.4303, 51.6715



49.9834, 53.4303, 51.9346



48.9776, 53.4303, 53.8304

Triad

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



49.9834, 53.4303, 51.9346



49.2428, 53.4303, 63.5708



53.1824, 53.4303, 59.4292

Complementary

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



49.9834, 53.4303, 51.9346



45.7590, 47.2974, 57.7593

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.



52.6341, 53.4303, 62.7505



49.9834, 53.4303, 51.9346



50.3508, 53.4303, 65.2058

Square

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



49.9834, 53.4303, 51.9346



48.5549, 53.4303, 60.5118



51.5929, 53.4303, 64.8995



53.0801, 53.4303, 55.9021

Rectangle

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



49.9834, 53.4303, 51.9346



48.5666, 53.4303, 55.8099



51.5929, 53.4303, 64.8995



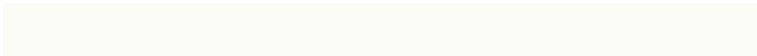
53.0677, 53.4303, 60.6091

Sweetspot

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



49.9849, 53.4326, 51.9358



92.1098, 97.4232, 102.2703



47.4212, 48.3039, 51.0809



20.1795, 21.3381, 22.4404



0.0000, 0.0000, 0.0000



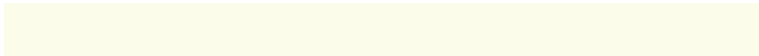
20.3446, 21.4041, 23.3091

Same Dimension

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



49.9849, 53.4326, 51.9358



90.2213, 96.6677, 92.3331



48.4763, 52.6549, 51.8652



10.9937, 11.7904, 11.1802



27.3011, 32.9031, 4.9120



1.1797, 1.4217, 0.2122

Inverse Universe

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



45.7590, 47.2974, 57.7593



81.4768, 83.9722, 104.3838



47.2062, 48.0435, 57.8270



9.8720, 10.1619, 12.7260



6.4028, 2.5612, 33.7135



0.2768, 0.1107, 1.4567

Previews

White Background



This preview shows how the XYZ color 49.9834, 53.4303, 51.9346 looks on a white background.

Color Contrast Check

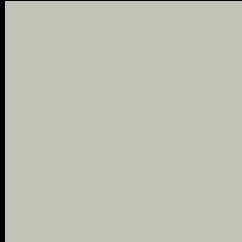
Large Text (above 18pt) WCAG AA × Fail

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 49.9834, 53.4303, 51.9346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

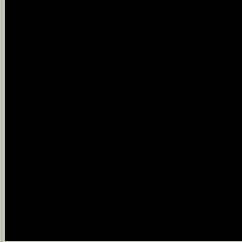
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

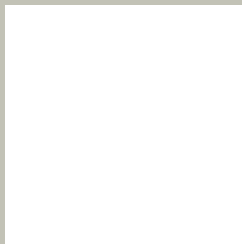
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.9834, 53.4303, 51.9346

Background



This preview shows how black text looks on a background with the XYZ color 49.9834, 53.4303, 51.9346.



This preview shows how white text looks on a background with the XYZ color 49.9834, 53.4303,

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

49.9834, 53.4303, 51.9346

Protanopia

50.7433, 53.1776, 51.3059

Deuteranopia

54.3419, 53.4066, 52.2441



Tritanopia

52.5800, 53.1535, 65.8809

Trichromacy



Original Color

49.9834, 53.4303, 51.9346

Protanomaly

50.4364, 53.3464, 51.3547

Deuteranomaly

52.6928, 53.5112, 52.3512

Tritanomaly

51.4738, 53.0286, 60.3459

Monochromacy



Original Color

49.9834, 53.4303, 51.9346

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2476, 53.1515, 55.7550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9834, 53.4303, 51.9346 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(194, 194, 182)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 182)  
}
```

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(194, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 182) }
```

Border

The CSS property to change the border of an element to XYZ 49.9834, 53.4303, 51.9346 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(194, 194, 182) }
```


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

```
.border{ border-color:rgb(194, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9834, 53.4303, 51.9346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 182) }
```

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

```
.background{ background-color: rgb(194,  
194, 182) }
```

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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