

Converting Colors

XYZ(49.5758, 53.2673, 49.7882)

Have a look what the booklet for
XYZ(49.5758, 53.2673, 49.7882)
contains.

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Color

**XYZ(49.5758, 53.2673,
49.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C2B2
RGB	194, 194, 178
RGB Percent	76%, 76%, 70%
CMY	0.2392, 0.2392, 0.3020
CMYK	0.00, 0.00, 0.08, 0.24
HSL	60°, 12%, 73%
HSV	60°, 8%, 76%
XYZ	49.5758, 53.2673, 49.7882
YIQ	192.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

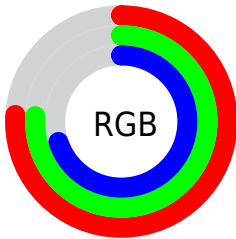
Format	Color
RYB	178, 194, 178
Decimal	12763826
CIELab	78.03, -2.83, 8.04
CIELCh	78, 8.526, 109.386
Yxy	53.2673, 0.3248, 0.3490
Android (android.graphics.Color)	4290953906 (0xFFC2C2B2)
YUV	192.1760, -6.9888, 1.5996
Hunter-Lab	72.9845, -6.4739, 10.6429

Details

The XYZ color **49.5758, 53.2673, 49.7882** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0203, 45.2023, 57.4466**, and the grayscale version is **50.2444, 52.8610, 57.5657**.

A 20% lighter version of the original color is **88.8206, 94.8210, 91.4628**, and **23.8950, 25.8123, 23.1249** is the 20% darker color. If you saturate the color by 10%, you get **47.7634, 52.5439, 40.2443**, and if you desaturate by 10%, it is **51.6667, 54.1055, 60.7855**.

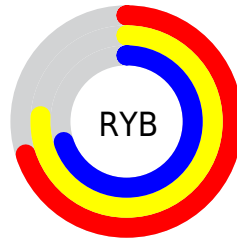
Distribution



Red (76%)

Green (76%)

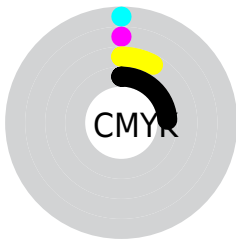
Blue (70%)



Red (70%)

Yellow (76%)

Blue (70%)

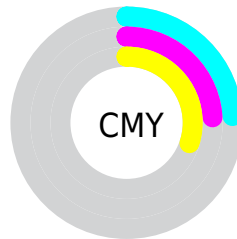


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5758, 53.2673, 49.7882 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 49.5758, 53.2673, 49.7882 by changing the saturation by 10% instead.

■ 49.5758, 53.2673,
49.7882

■ 49.5758, 53.2673,
49.7882

375.4842,
399.3098, 402.5484

■ 35.2929, 38.0162,
34.8751

■ 88.7416, 94.9976,
91.2541

■ 24.0561, 25.9953,
23.2839

114.3553,
122.2455, 118.6439

■ 15.5002, 16.8201,
14.5960

144.4765,
154.2613, 151.0298

■ 9.2598, 10.1063,
8.3929

179.4707,
191.4291, 188.8303

■ 4.9695, 5.4695,
4.2560

219.7032,
234.1335, 232.4638

■ 2.2639, 2.5253,
1.7668

265.5394,

■ 0.7761, 0.8893,

282.7588, 282.3490

0.4059

317.3446,
337.6894, 338.9043

■ 0.0000, 0.0000,
0.0000

■ 49.5758, 53.2673,
49.7882

■ 49.5758, 53.2673,
49.7882

■ 47.7634, 52.5439,
40.2443

■ 51.6667, 54.1055,
60.7855

■ 46.2135, 51.9238,
32.0896

■ 54.0425, 55.0560,
73.2896

■ 44.9154, 51.4044,
25.2605

■ 56.7149, 56.1251,
87.3556

■ 43.8557, 50.9804,
19.6870

■ 59.5964, 57.2779,
102.5224

■ 43.0200, 50.6460,
15.2927

■ 59.5977, 57.2785,
102.5225

■ 42.3920, 50.3946,
11.9927

■ 59.5989, 57.2792,
102.5225

■ 41.9537, 50.2192,
9.6912

■ 59.6002, 57.2798,
102.5226

■ 41.6836, 50.1110,
8.2754

■ 59.6015, 57.2805,
102.5226

■ 41.5483, 50.0567,
7.5696

■ 59.6028, 57.2812,
102.5227

Harmonies

Analogous

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



51.2198, 53.2673, 49.4617



49.5758, 53.2673, 49.7882



48.2420, 53.2673, 52.2438

Triad

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



49.5758, 53.2673, 49.7882



48.5774, 53.2673, 65.2265



53.8349, 53.2673, 59.7010

Complementary

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



49.5758, 53.2673, 49.7882



44.0203, 45.2023, 57.4466

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.



53.0934, 53.2673, 64.1621



49.5758, 53.2673, 49.7882



50.0427, 53.2673, 67.4662

Square

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



49.5758, 53.2673, 49.7882



47.6743, 53.2673, 61.0897



51.6970, 53.2673, 67.0663



53.7032, 53.2673, 55.0144

Rectangle

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



49.5758, 53.2673, 49.7882



47.6969, 53.2673, 54.8365



51.6970, 53.2673, 67.0663



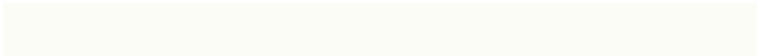
53.6788, 53.2673, 61.2808

Sweetspot

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



49.5773, 53.2696, 49.7893



92.1099, 97.4233, 102.2703



46.2061, 46.5258, 48.6653



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.



49.5773, 53.2696, 49.7893



89.1510, 96.2395, 86.6988



47.5794, 52.2397, 49.6959



10.9132, 11.7582, 10.7563



27.3030, 32.9040, 4.9121



1.1798, 1.4217, 0.2122

Inverse Universe

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



44.0203, 45.2023, 57.4466



76.9126, 78.4725, 103.5628



45.9093, 46.1762, 57.5351



9.5286, 9.7481, 12.6642



6.4027, 2.5611, 33.7135



0.2767, 0.1107, 1.4567

Previews

White Background



This preview shows how the XYZ color 49.5758, 53.2673, 49.7882 looks on a white background.

Color Contrast Check

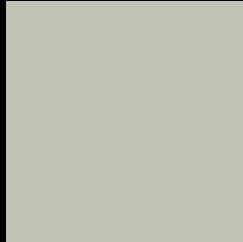
Large Text (above 18pt) WCAG AA × Fail

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 49.5758, 53.2673, 49.7882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

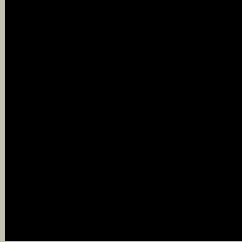
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

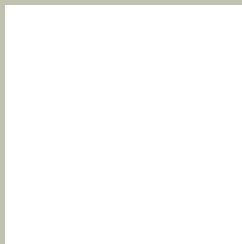
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5758, 53.2673, 49.7882

Background



This preview shows how black text looks on a background with the XYZ color 49.5758, 53.2673, 49.7882.



This preview shows how white text looks on a background with the XYZ color 49.5758, 53.2673,

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

49.5758, 53.2673, 49.7882

Protanopia

50.6049, 53.1530, 49.1874

Deuteranopia

54.1160, 53.0120, 50.5601



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

49.5758, 53.2673, 49.7882

Protanomaly

50.2945, 53.3200, 49.2360

Deuteranomaly

52.3467, 53.0598, 50.1304

Tritanomaly

51.5071, 53.0721, 59.1590

Monochromacy



Original Color

49.5758, 53.2673, 49.7882

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0319, 53.0652, 54.6194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5758, 53.2673, 49.7882 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 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(194, 194, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 178) }
```

Border

The CSS property to change the border of an element to XYZ 49.5758, 53.2673, 49.7882 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, 178) }
```


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

```
.border{ border-color:rgb(194, 194, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 178);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5758, 53.2673, 49.7882 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, 178) }
```

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

```
.background{ background-color: rgb(194,  
194, 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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