

Converting Colors

XYZ(49.4455, 44.7108, 53.3374)

Have a look what the booklet for
XYZ(49.4455, 44.7108, 53.3374)
contains.

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Color

**XYZ(49.5773, 44.7522,
53.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A6BC
RGB	211, 166, 188
RGB Percent	83%, 65%, 74%
CMY	0.1725, 0.3490, 0.2627
CMYK	0.00, 0.21, 0.11, 0.17
HSL	331°, 34%, 74%
HSV	331°, 21%, 83%
XYZ	49.5773, 44.7522, 53.6020
YIQ	181.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

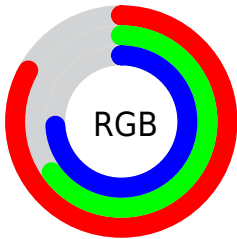
Format	Color
R _{YB}	211, 166, 188
Decimal	13870780
CIE Lab	72.73, 20.04, -4.94
CIE LCh	73, 20.637, 346.150
Yxy	44.7522, 0.3351, 0.3025
Android (android.graphics.Color)	4292060860 (0xFFD3A6BC)
YUV	181.9630, 2.9762, 25.4654
Hunter-Lab	66.8971, 15.2161, -0.6788

Details

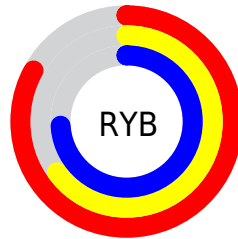
The XYZ color **49.5773, 44.7522, 53.6020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2073, 58.3708, 56.8728**, and the grayscale version is **44.4212, 46.7345, 50.8939**.

A 20% lighter version of the original color is **83.4256, 79.5046, 96.5369**, and **24.1008, 20.8518, 25.6762** is the 20% darker color. If you saturate the color by 10%, you get **44.9324, 37.2537, 46.5303**, and if you desaturate by 10%, it is **54.9409, 53.5479, 61.3431**.

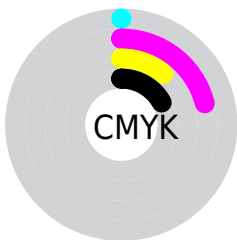
Distribution



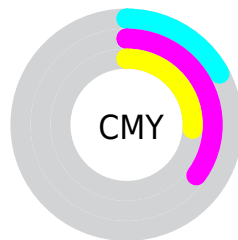
- Red (83%)
- Green (65%)
- Blue (74%)



- Red (83%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (17%)



- Cyan (17%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5773, 44.7522, 53.6020 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 49.5773, 44.7522, 53.6020 by changing the saturation by 10% instead.


 49.5773, 44.7522,
53.6020


 49.5773, 44.7522,
53.6020

375.4900,
365.7690, 417.7221

 35.2941, 31.2623,
37.8925


 88.7438, 82.3484,
96.9401

 24.0571, 20.7987,
25.5981

 114.3579,
107.2236, 125.4059

 15.5009, 12.9769,
16.3002


144.4795,
136.6625, 158.9608

 9.2603, 7.4126,
9.5802

179.4742,
171.0497, 198.0235

 4.9698, 3.7215,
5.0195

219.7072,
210.7696, 243.0124

 2.2641, 1.5190,
2.1998

265.5440,

 0.7762, 0.3021,

256.2065, 294.3461

0.6742

317.3498,
307.7449, 352.4432

■ 0.0000, 0.0000,
0.0000

■ 49.5773, 44.7522,
53.6020

■ 49.5773, 44.7522,
53.6020

■ 44.9324, 37.2537,
46.5303

■ 54.9409, 53.5479,
61.3431

■ 40.9699, 30.9845,
40.1050

■ 61.0498, 63.6928,
69.7698

■ 37.6559, 25.8792,
34.3056

■ 67.9338, 75.2431,
78.9014

■ 34.9518, 21.8642,
29.1094

■ 75.6199, 88.2501,
88.7554

■ 32.8149, 18.8572,
24.4917

■ 78.6404, 91.7755,
97.5174

■ 31.1964, 16.7641,
20.4254

■ 80.3082, 92.4426,
106.2999

■ 30.0382, 15.4727,
16.8799

■ 80.6742, 92.5890,
108.2272

■ 29.3198, 14.8312,
14.1881

Harmonies

Analogous

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



47.6969, 44.7522, 63.7051



49.5773, 44.7522, 53.6020



49.4981, 44.7522, 43.4456

Triad

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



49.5773, 44.7522, 53.6020



40.6490, 44.7522, 32.1345



37.9416, 44.7522, 64.3768

Complementary

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



49.5773, 44.7522, 53.6020



48.2073, 58.3708, 56.8728

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.



36.2587, 44.7522, 54.4211



49.5773, 44.7522, 53.6020



37.7608, 44.7522, 36.3033

Square

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



49.5773, 44.7522, 53.6020



44.2052, 44.7522, 31.9795



36.1944, 44.7522, 44.1579



40.9086, 44.7522, 70.4909

Rectangle

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



49.5773, 44.7522, 53.6020



48.3412, 44.7522, 37.9960



36.1944, 44.7522, 44.1579



37.2145, 44.7522, 61.3104

Sweetspot

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



49.5786, 44.7542, 53.6029



89.1280, 90.1302, 100.8402



46.2583, 42.7329, 67.4388



18.9447, 19.0717, 21.4013



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.



49.5786, 44.7542, 53.6029



72.4390, 62.7526, 76.7783



47.3848, 43.8767, 42.0505



12.0461, 11.9032, 13.5187



17.7458, 8.9712, 8.8335



1.0323, 0.5176, 0.7048

Inverse Universe

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



49.5786, 44.7542, 53.6029



72.4390, 62.7526, 76.7783



50.7794, 59.3997, 70.4175



12.0461, 11.9032, 13.5187



17.7458, 8.9712, 8.8335



1.0323, 0.5176, 0.7048

Previews

White Background



This preview shows how the XYZ color 49.5773, 44.7522, 53.6020 looks on a white background.

Color Contrast Check

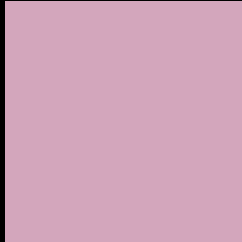
Large Text (above 18pt) WCAG AA × Fail

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 49.5773, 44.7522, 53.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

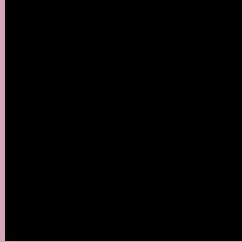
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5773, 44.7522, 53.6020

Background



This preview shows how black text looks on a background with the XYZ color 49.5773, 44.7522, 53.6020.



This preview shows how white text looks on a background with the XYZ color 49.5773, 44.7522,

53.6020.

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

49.5773, 44.7522, 53.6020

Protanopia

43.9022, 45.1280, 58.0264

Deuteranopia

45.6514, 44.6815, 53.2320



Tritanopia

48.6353, 44.6344, 49.2320

Trichromacy



Original Color

49.5773, 44.7522, 53.6020

Protanomaly

45.6367, 44.8967, 56.1298

Deuteranomaly

46.8976, 44.4794, 53.1273

Tritanomaly

48.9443, 44.7580, 50.8593

Monochromacy



Original Color

49.5773, 44.7522, 53.6020

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.1694, 45.8488, 51.7637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5773, 44.7522, 53.6020 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(211, 166, 188) looks like.

```
.text, #text, p{  
    color:rgb(211, 166, 188)  
}
```

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(211, 166, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 166, 188) }
```

Border

The CSS property to change the border of an element to XYZ 49.5773, 44.7522, 53.6020 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(211, 166, 188) }
```


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

```
.border{ border-color:rgb(211, 166, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 166, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 166, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 166, 188);  
box-shadow:4px 4px 4px 4px rgb(211, 166,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5773, 44.7522, 53.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 166, 188) }
```

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

```
.background{ background-color: rgb(211,  
166, 188) }
```

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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