

Converting Colors

XYZ(49.5746, 39.9333, 55.5471)

Have a look what the booklet for
XYZ(49.5746, 39.9333, 55.5471)
contains.

XYZ(49.5746, 39.9333, 55.5471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.5746, 39.9333,
55.5471)**

Conversions

Conversions Part 1

Format	Color
Hex	DC93C1
RGB	220, 147, 193
RGB Percent	86%, 58%, 76%
CMY	0.1373, 0.4235, 0.2431
CMYK	0.00, 0.33, 0.12, 0.14
HSL	322°, 51%, 72%
HSV	322°, 33%, 86%
XYZ	49.5746, 39.9333, 55.5471
YIQ	174.0710, 28.7420, 29.7820

Conversions

Conversions Part 2

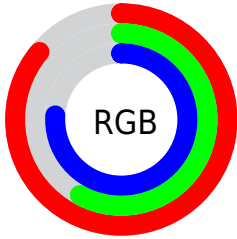
Format	Color
R _Y B	220, 147, 193
Decimal	14455745
CIE Lab	69.42, 34.28, -12.53
CIE LCh	69, 36.499, 339.925
Yxy	39.9333, 0.3418, 0.2753
Android (android.graphics.Color)	4292645825 (0xFFDC93C1)
YUV	174.0710, 9.3320, 40.2797
Hunter-Lab	63.1928, 29.4454, -7.8815

Details

The XYZ color **49.5746, 39.9333, 55.5471** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.2675, 60.4467, 49.3286**, and the grayscale version is **40.2128, 42.3070, 46.0723**.

A 20% lighter version of the original color is **79.4594, 70.3406, 99.0117**, and **24.0623, 17.9410, 26.6208** is the 20% darker color. If you saturate the color by 10%, you get **45.5923, 33.3813, 49.8636**, and if you desaturate by 10%, it is **54.2634, 47.8172, 61.7134**.

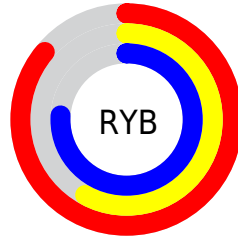
Distribution



Red (86%)

Green (58%)

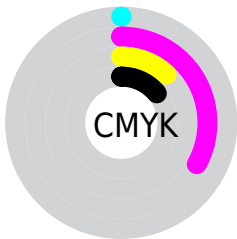
Blue (76%)



Red (86%)

Yellow (58%)

Blue (76%)

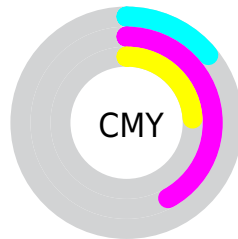


Cyan (0%)

Magenta (33%)

Yellow (12%)

Black (14%)



Cyan (14%)


Magenta (42%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5746, 39.9333, 55.5471 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 49.5746, 39.9333, 55.5471 by changing the saturation by 10% instead.


 49.5746, 39.9333,
55.5471


 49.5746, 39.9333,
55.5471


375.4796,
345.8424, 425.3227

 35.2919, 27.4865,
39.4384


 88.7399, 75.0619,
99.8213

 24.0554, 17.9390,
26.7905

 114.3532, 98.5126,
128.8238

 15.4997, 10.9062,
17.1849


144.4740,
126.4000, 162.9613

 9.2594, 6.0038,
10.2030

179.4678,
159.1086, 202.6523

 4.9692, 2.8474,
5.4264

219.6999,
197.0227, 248.3154

 2.2638, 1.0526,
2.4365

265.5357,

 0.7760, 0.0000,

240.5268, 300.3692

0.8062

317.3405,
290.0052, 359.2321

■ 0.0000, 0.0000,
0.0000

■ 49.5746, 39.9333,
55.5471

■ 49.5746, 39.9333,
55.5471

■ 45.5923, 33.3813,
49.8636

■ 54.2634, 47.8172,
61.7134

■ 42.2748, 28.0807,
44.6438

■ 59.6903, 57.0969,
68.3757

■ 39.5812, 23.9505,
39.8705


■ 65.8894, 67.8383,
75.5494


■ 37.4644, 20.8981,
35.5240


■ 72.8914, 80.1020,
83.2484


■ 35.8704, 18.8165,
31.5818


■ 80.0821, 92.6585,
91.2716

 34.7339, 17.5766,
28.0179

 81.2765, 93.1362,
97.5609

 34.1484, 17.0690,
25.7778

 82.5252, 93.6357,
104.1366

 83.3255, 93.9558,
108.3513

Harmonies

Analogous

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



45.6700, 39.9333, 73.2807



49.5746, 39.9333, 55.5471



50.1947, 39.9333, 38.1435

Triad

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



49.5746, 39.9333, 55.5471



36.0430, 39.9333, 18.7789



29.9407, 39.9333, 67.7014

Complementary

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



49.5746, 39.9333, 55.5471



45.2675, 60.4467, 49.3286

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.



27.8873, 39.9333, 49.2936



49.5746, 39.9333, 55.5471



31.1625, 39.9333, 23.1032

Square

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



49.5746, 39.9333, 55.5471



41.9631, 39.9333, 19.6374



28.3103, 39.9333, 33.3018



34.2114, 39.9333, 81.4579

Rectangle

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



49.5746, 39.9333, 55.5471



48.6024, 39.9333, 29.2658



28.3103, 39.9333, 33.3018



28.9893, 39.9333, 61.6827

Sweetspot

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



49.5758, 39.9351, 55.5479



85.9662, 84.2030, 98.5634



40.7573, 35.0087, 72.3202



18.1463, 17.5842, 20.7983



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.



49.5758, 39.9351, 55.5479



65.1910, 49.0664, 71.8658



46.0135, 38.5102, 36.7891



13.3995, 13.1889, 15.3648



20.0966, 10.0397, 15.4206



1.3430, 0.6668, 1.2153

Inverse Universe

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



49.5758, 39.9351, 55.5479



65.1910, 49.0664, 71.8658



49.2934, 62.0570, 70.5284



13.3995, 13.1889, 15.3648



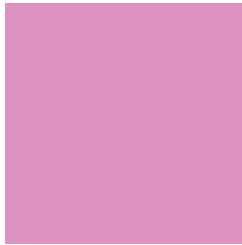
20.0966, 10.0397, 15.4206



1.3430, 0.6668, 1.2153

Previews

White Background



This preview shows how the XYZ color 49.5746, 39.9333, 55.5471 looks on a white background.

Color Contrast Check

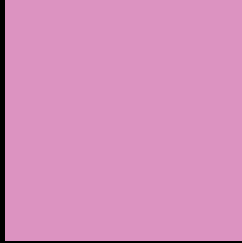
Large Text (above 18pt) WCAG AA × Fail

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 49.5746, 39.9333, 55.5471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

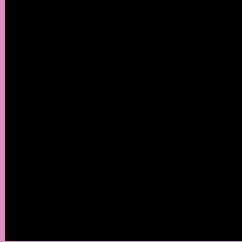
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5746, 39.9333, 55.5471

Background



This preview shows how black text looks on a background with the XYZ color 49.5746, 39.9333, 55.5471.



This preview shows how white text looks on a background with the XYZ color 49.5746, 39.9333,

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

49.5746, 39.9333, 55.5471

Protanopia

39.9631, 40.0873, 64.6628

Deuteranopia

40.8809, 39.9751, 54.2765



Tritanopia

46.5443, 39.8885, 40.3681

Trichromacy



Original Color

49.5746, 39.9333, 55.5471

Protanomaly

42.5229, 39.3510, 61.2314

Deuteranomaly

43.6231, 39.5528, 54.6255

Tritanomaly

47.5577, 39.8133, 45.7356

Monochromacy



Original Color

49.5746, 39.9333, 55.5471

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.1018, 40.9635, 49.3511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5746, 39.9333, 55.5471 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(220, 147, 193)` looks like.

```
.text, #text, p{  
    color:rgb(220, 147, 193)  
}
```

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(220, 147, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 147, 193) }
```

Border

The CSS property to change the border of an element to XYZ 49.5746, 39.9333, 55.5471 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(220, 147, 193) }
```


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

```
.border{ border-color:rgb(220, 147, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 147, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 147, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 147, 193);  
box-shadow:4px 4px 4px 4px rgb(220, 147,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5746, 39.9333, 55.5471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 147, 193) }
```

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

```
.background{ background-color: rgb(220,  
147, 193) }
```

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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