

Converting Colors

XYZ(53.0539, 44.4681, 64.1795)

Have a look what the booklet for
XYZ(53.0539, 44.4681, 64.1795)
contains.

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Color

**XYZ(53.0539, 44.4681,
64.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9FCE
RGB	220, 159, 206
RGB Percent	86%, 62%, 81%
CMY	0.1373, 0.3765, 0.1922
CMYK	0.00, 0.28, 0.06, 0.14
HSL	314°, 47%, 74%
HSV	314°, 28%, 86%
XYZ	53.0539, 44.4681, 64.1795
YIQ	182.5970, 21.2690, 27.5490

Conversions

Conversions Part 2

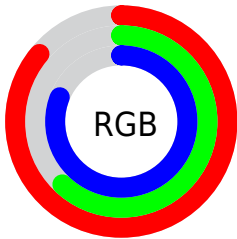
Format	Color
R_{YB}	220, 159, 206
Decimal	14458830
CIE _{Lab}	72.54, 30.04, -15.03
CIE _{LCh}	73, 33.596, 333.415
Yxy	44.4681, 0.3281, 0.2750
Android (android.graphics.Color)	4292648910 (0xFFDC9FCE)
YUV	182.5970, 11.5377, 32.8024
Hunter-Lab	66.6844, 25.3163, -10.3838

Details

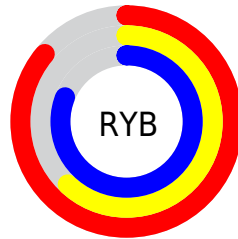
The XYZ color **53.0539, 44.4681, 64.1795** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4359, 61.5758, 48.9229**, and the grayscale version is **44.7210, 47.0500, 51.2374**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **26.2350, 20.6749, 32.3137** is the 20% darker color. If you saturate the color by 10%, you get **48.9988, 37.3233, 59.8500**, and if you desaturate by 10%, it is **57.8047, 52.9713, 68.8391**.

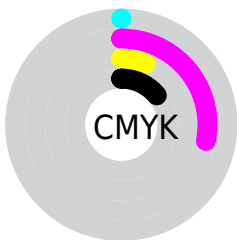
Distribution



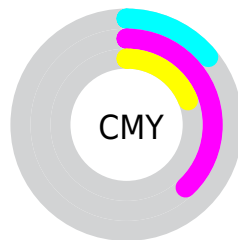
- Red (86%)
- Green (62%)
- Blue (81%)



- Red (86%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (14%)





- Cyan (14%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0539, 44.4681, 64.1795 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 53.0539, 44.4681, 64.1795 by changing the saturation by 10% instead.

 53.0539, 44.4681,
64.1795

 53.0539, 44.4681,
64.1795


388.7494,
364.6151, 458.0628

 38.0735, 31.0387,
46.3490


 93.8487, 81.9217,
112.4714

 26.2172, 20.6283,
32.1706


 120.3938,
106.7146, 143.7698

 17.1197, 12.8526,
21.2260


151.5245,
136.0641, 180.3945

 10.4157, 7.3271,
13.0964

187.6062,
170.3547, 222.7642

 5.7398, 3.6675,
7.3635

229.0041,
209.9707, 271.2973

 2.7267, 1.4894,
3.6086

276.0837,

 1.0109, 0.2812,

255.2965, 326.4124

1.4132

329.2104,
306.7165, 388.5281

■ 0.0000, 0.0000,
0.1519

■ 0.0000, 0.0000,
0.0000

■ 53.0539, 44.4681,
64.1795

■ 53.0539, 44.4681,
64.1795

■ 48.9988, 37.3233,
59.8500

■ 57.8047, 52.9713,
68.8391

■ 45.5995, 31.4594,
55.8349

■ 63.2803, 62.8932,
73.8380

■ 42.8180, 26.8004,
52.1213

■ 69.5133, 74.2976,
79.1884

■ 40.6110, 23.2597,
48.6936

■ 76.5328, 87.2426,
84.9008

■ 38.9292, 20.7389,
45.5346

■ 79.7345, 92.5194,
89.4413

■ 37.7148, 19.1228,
42.6240

■ 80.4593, 92.8093,
93.2578

■ 36.8876, 18.2516,
39.9341

■ 81.2048, 93.1075,
97.1835

■ 36.7245, 18.0994,
39.3433

■ 81.9712, 93.4141,
101.2195

■ 82.7587, 93.7291,
105.3665

Harmonies

Analogous

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



48.7153, 44.4681, 80.3031



53.0539, 44.4681, 64.1795



54.4156, 44.4681, 46.5388

Triad

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



53.0539, 44.4681, 64.1795



41.6042, 44.4681, 23.0047



33.6165, 44.4681, 68.2423

Complementary

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



53.0539, 44.4681, 64.1795



47.4359, 61.5758, 48.9229

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.



32.0738, 44.4681, 50.3475



53.0539, 44.4681, 64.1795



36.4118, 44.4681, 26.3366

Square

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



53.0539, 44.4681, 64.1795



47.4602, 44.4681, 25.0880



33.0489, 44.4681, 35.4749



37.4645, 44.4681, 83.0009

Rectangle

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



53.0539, 44.4681, 64.1795



53.3581, 44.4681, 36.7934



33.0489, 44.4681, 35.4749



32.8279, 44.4681, 62.2650

Sweetspot

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



53.0552, 44.4701, 64.1804



88.1391, 87.3699, 102.9225



42.3792, 38.7610, 72.9590



18.6038, 18.2248, 21.7967



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.



53.0552, 44.4701, 64.1804



70.8692, 56.3670, 86.2622



49.7795, 43.1598, 46.9305



13.4799, 13.2210, 15.7882



21.5974, 10.6400, 23.3238



1.4310, 0.7021, 1.6787

Inverse Universe

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



53.0552, 44.4701, 64.1804



70.8692, 56.3670, 86.2622



50.6386, 62.8569, 65.7881



13.4799, 13.2210, 15.7882



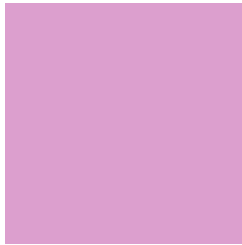
21.5974, 10.6400, 23.3238



1.4310, 0.7021, 1.6787

Previews

White Background



This preview shows how the XYZ color 53.0539, 44.4681, 64.1795 looks on a white background.

Color Contrast Check

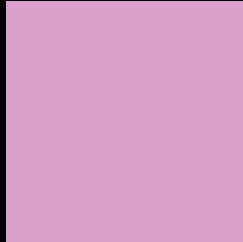
Large Text (above 18pt) WCAG AA × Fail

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 53.0539, 44.4681, 64.1795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

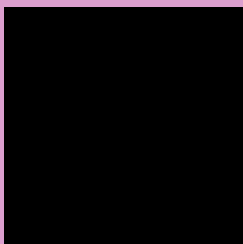
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0539, 44.4681, 64.1795

Background



This preview shows how black text looks on a background with the XYZ color 53.0539, 44.4681, 64.1795.



This preview shows how white text looks on a background with the XYZ color 53.0539, 44.4681,

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

53.0539, 44.4681, 64.1795

Protanopia

44.7392, 44.9413, 72.6462

Deuteranopia

45.6827, 44.7742, 62.7345



Tritanopia

49.5302, 44.3242, 47.5399

Trichromacy



Original Color

53.0539, 44.4681, 64.1795

Protanomaly

47.2514, 44.2959, 69.6779

Deuteranomaly

48.1130, 44.6059, 63.2007

Tritanomaly

50.6127, 44.2232, 53.4453

Monochromacy



Original Color

53.0539, 44.4681, 64.1795

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.3050, 45.7695, 55.6314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0539, 44.4681, 64.1795 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, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(220, 159, 206)  
}
```

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, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 159, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.0539, 44.4681, 64.1795 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, 159, 206) }
```


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

```
.border{ border-color:rgb(220, 159, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 159, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 159,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0539, 44.4681, 64.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 159, 206) }
```

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

```
.background{ background-color: rgb(220,  
159, 206) }
```

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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