

Converting Colors

XYZ(55.3480, 49.5367, 60.7250)

Have a look what the booklet for
XYZ(55.3480, 49.5367, 60.7250)
contains.

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Color

**XYZ(55.3766, 49.5403,
60.6764)**

Conversions

Conversions Part 1

Format	Color
Hex	DEADC7
RGB	222, 173, 199
RGB Percent	87%, 68%, 78%
CMY	0.1294, 0.3215, 0.2196
CMYK	0.00, 0.22, 0.10, 0.13
HSL	328°, 43%, 77%
HSV	328°, 22%, 87%
XYZ	55.3766, 49.5403, 60.6764
YIQ	190.6150, 20.8580, 18.4740

Conversions

Conversions Part 2

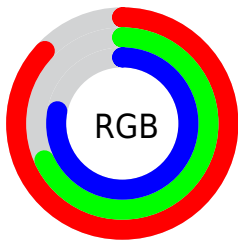
Format	Color
R _Y B	222, 173, 199
Decimal	14593479
CIE Lab	75.79, 21.97, -6.33
CIE LCh	76, 22.869, 343.930
Yxy	49.5403, 0.3344, 0.2992
Android (android.graphics.Color)	4292783559 (0xFFDEADC7)
YUV	190.6150, 4.1338, 27.5246
Hunter-Lab	70.3849, 17.2647, -1.8425

Details

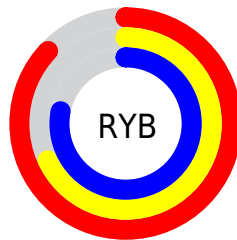
The XYZ color **55.3766, 49.5403, 60.6764** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.3207, 65.1137, 61.9856**, and the grayscale version is **49.2680, 51.8338, 56.4470**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **27.5532, 23.5843, 29.8881** is the 20% darker color. If you saturate the color by 10%, you get **50.2995, 41.2562, 53.2175**, and if you desaturate by 10%, it is **61.2467, 59.2765, 68.8096**.

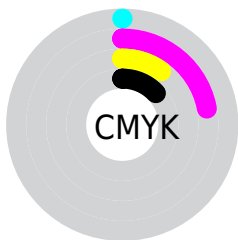
Distribution



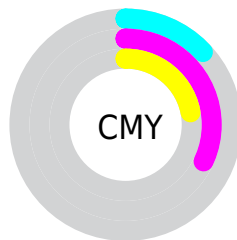
- Red (87%)
- Green (68%)
- Blue (78%)



- Red (87%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (13%)





- Cyan (13%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3766, 49.5403, 60.6764 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 55.3766, 49.5403, 60.6764 by changing the saturation by 10% instead.

 55.3766, 49.5403,
60.6764

 55.3766, 49.5403,
60.6764


397.4511,
384.8655, 444.9602

 39.9384, 35.0483,
43.5352

 97.2376, 89.4934,
107.3632

 27.6745, 23.7001,
29.9708

124.3911,
115.7232, 137.7459

 18.2196, 15.1113,
19.5645


156.1804,
146.6345, 173.3795

 11.2084, 8.8975,
11.8980

192.9708,
182.6115, 214.6826

 6.2755, 4.6744,
6.5525

235.1278,
224.0388, 262.0736

 3.0556, 2.0575,
3.1097

283.0166,

 1.1832, 0.6406,

271.3006, 315.9712

1.1509

337.0026,
324.7813, 376.7939

■ 0.0931, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3766, 49.5403,
60.6764

■ 55.3766, 49.5403,
60.6764

■ 50.2995, 41.2562,
53.2175

■ 61.2467, 59.2765,
68.8096

■ 45.9747, 34.3472,
46.4095

■ 67.9396, 70.5238,
77.6334

■ 42.3638, 28.7389,
40.2319

■ 75.4888, 83.3461,
87.1670

■ 39.4236, 24.3474,
34.6615

■ 81.7149, 93.3819,
96.6914

■ 37.1056, 21.0788,
29.6733

■ 83.3141, 94.0216,
105.1127

■ 35.3544, 18.8253,
25.2395

■ 83.9345, 94.2698,
108.3798

■ 34.1037, 17.4574,
21.3284

■ 33.3819, 16.8327,
18.5631

Harmonies

Analogous

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



52.9816, 49.5403, 72.5957



55.3766, 49.5403, 60.6764



55.4646, 49.5403, 48.5050

Triad

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



55.3766, 49.5403, 60.6764



45.1481, 49.5403, 34.2787



41.4475, 49.5403, 71.8456

Complementary

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



55.3766, 49.5403, 60.6764



53.3207, 65.1137, 61.9856

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.



39.5978, 49.5403, 59.7686



55.3766, 49.5403, 60.6764



41.6458, 49.5403, 38.7916

Square

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



55.3766, 49.5403, 60.6764



49.3831, 49.5403, 34.4460



39.6682, 49.5403, 47.7234



44.8623, 49.5403, 79.6765

Rectangle

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



55.3766, 49.5403, 60.6764



54.1915, 49.5403, 41.9127



39.6682, 49.5403, 47.7234



40.6315, 49.5403, 68.0750

Sweetspot

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



55.3780, 49.5425, 60.6774



88.2977, 88.6073, 100.1383



50.8607, 46.8815, 75.4763



18.7805, 18.7660, 21.2768



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.



55.3780, 49.5425, 60.6774



72.8110, 62.9014, 78.7372



52.7715, 48.4999, 46.9516



14.0096, 13.8215, 15.8209



19.8847, 10.0209, 11.3246



1.4234, 0.7126, 1.0227

Inverse Universe

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



55.3780, 49.5425, 60.6774



72.8110, 62.9014, 78.7372



56.3234, 66.3147, 77.7973



14.0096, 13.8215, 15.8209



19.8847, 10.0209, 11.3246



1.4234, 0.7126, 1.0227

Previews

White Background



This preview shows how the XYZ color 55.3766, 49.5403, 60.6764 looks on a white background.

Color Contrast Check

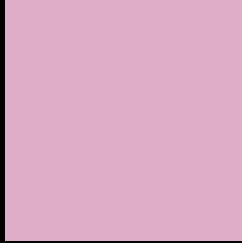
Large Text (above 18pt) WCAG AA × Fail

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 55.3766, 49.5403, 60.6764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

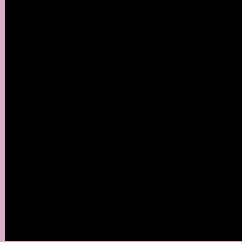
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3766, 49.5403, 60.6764

Background



This preview shows how black text looks on a background with the XYZ color 55.3766, 49.5403, 60.6764.



This preview shows how white text looks on a background with the XYZ color 55.3766, 49.5403,

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

55.3766, 49.5403, 60.6764

Protanopia

48.8290, 49.9371, 66.0967

Deuteranopia

50.6254, 49.7665, 59.7610



Tritanopia

54.2259, 49.6629, 54.3048

Trichromacy



Original Color

55.3766, 49.5403, 60.6764

Protanomaly

50.7117, 49.4131, 63.9916

Deuteranomaly

52.3256, 49.7273, 60.2666

Tritanomaly

54.4693, 49.4500, 56.5431

Monochromacy



Original Color

55.3766, 49.5403, 60.6764

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.2352, 50.7326, 58.1309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3766, 49.5403, 60.6764 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(222, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 199)  
}
```

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(222, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.3766, 49.5403, 60.6764 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(222, 173, 199) }
```


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

```
.border{ border-color:rgb(222, 173, 199) }
```

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

Here you see how a box with a 4 pixel rgb(222, 173, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(222, 173,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3766, 49.5403, 60.6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 173, 199) }
```

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

```
.background{ background-color: rgb(222,  
173, 199) }
```

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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