

Converting Colors

XYZ(55.0477, 46.6305, 75.2206)

Have a look what the booklet for XYZ(55.0477, 46.6305, 75.2206) contains.

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Color

**XYZ(55.0755, 46.5766,
75.1946)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A4DE
RGB	217, 164, 222
RGB Percent	85%, 64%, 87%
CMY	0.1490, 0.3568, 0.1294
CMYK	0.02, 0.26, 0.00, 0.13
HSL	295°, 47%, 76%
HSV	295°, 26%, 87%
XYZ	55.0755, 46.5766, 75.1946
YIQ	186.4590, 12.9700, 29.2740

Conversions

Conversions Part 2

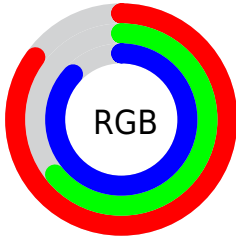
Format	Color
R _Y B	217, 164, 222
Decimal	14263518
CIE Lab	73.92, 29.27, -21.75
CIE LCh	74, 36.466, 323.382
Yxy	46.5766, 0.3114, 0.2634
Android (android.graphics.Color)	4292453598 (0xFFD9A4DE)
YUV	186.4590, 17.5217, 26.7845
Hunter-Lab	68.2471, 24.6175, -17.5528

Details

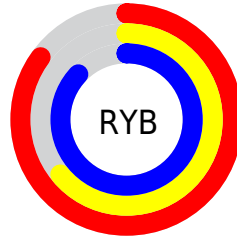
The XYZ color **55.0755, 46.5766, 75.1946** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.1860, 63.3591, 44.7615**, and the grayscale version is **46.8304, 49.2693, 53.6542**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **27.4672, 21.9554, 39.3494** is the 20% darker color. If you saturate the color by 10%, you get **50.8790, 39.0223, 73.9583**, and if you desaturate by 10%, it is **59.9750, 55.5252, 76.6643**.

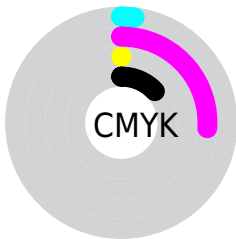
Distribution



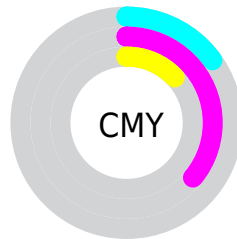
- Red (85%)
- Green (64%)
- Blue (87%)



- Red (85%)
- Yellow (64%)
- Blue (87%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0755, 46.5766, 75.1946 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 55.0755, 46.5766, 75.1946 by changing the saturation by 10% instead.


 55.0755, 46.5766,
75.1946


 55.0755, 46.5766,
75.1946


396.3298,
373.1219, 497.8594

 39.6963, 32.7011,
55.2696

 96.7992, 85.0813,
128.3374

 27.4850, 21.8975,
39.2176


 123.8745,
110.4792, 162.3924

 18.0762, 13.7816,
26.6199


155.5790,
140.4867, 201.9944

 11.1048, 7.9689,
17.0581

192.2783,
175.4882, 247.5620

 6.2052, 4.0751,
10.1135

234.3377,
215.8681, 299.5138

 3.0121, 1.7157,
5.3677

282.1225,

 1.1601, 0.4338,

262.0108, 358.2682

2.4021

335.9981,
314.3006, 424.2439

■ 0.0746, 0.0000,
0.7876

■ 0.0000, 0.0000,
0.0000

■ 55.0755, 46.5766,
75.1946

■ 55.0755, 46.5766,
75.1946

■ 50.8790, 39.0223,
73.9583

■ 59.9750, 55.5252,
76.6643

■ 47.3450, 32.7842,
72.9405

■ 65.6065, 65.9289,
78.3756

■ 44.4356, 27.7857,
72.1291

■ 72.0027, 77.8523,
80.3399

■ 42.1074, 23.9398,
71.5094

■ 79.1932, 91.3542,
82.5671

40.3113, 21.1483,
71.0653

80.4881, 93.0551,
82.8272

38.9899, 19.2968,
70.7775

81.0937, 93.3673,
82.8555

38.0719, 18.2423,
70.6224

81.7059, 93.6829,
82.8841

37.7762, 17.9512,
70.5818

82.3250, 94.0020,
82.9131

82.9507, 94.3246,
82.9424

Harmonies

Analogous

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



49.4162, 46.5766, 91.1638



55.0755, 46.5766, 75.1946



57.8782, 46.5766, 54.9510

Triad

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



55.0755, 46.5766, 75.1946



45.7254, 46.5766, 22.8249



33.7622, 46.5766, 66.2834

Complementary

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



55.0755, 46.5766, 75.1946



49.1860, 63.3591, 44.7615

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.



32.9812, 46.5766, 46.7006



55.0755, 46.5766, 75.1946



39.4935, 46.5766, 24.4478

Square

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



55.0755, 46.5766, 75.1946



52.1491, 46.5766, 27.0721



34.9786, 46.5766, 32.2231



37.2268, 46.5766, 85.2014

Rectangle

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



55.0755, 46.5766, 75.1946



57.5726, 46.5766, 42.8741



34.9786, 46.5766, 32.2231



33.1921, 46.5766, 59.4557

Sweetspot

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



55.0770, 46.5786, 75.1956



88.2399, 87.3358, 106.8145



42.8340, 41.8433, 74.9269



18.6291, 18.2161, 22.7841



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.



55.0770, 46.5786, 75.1956



72.3427, 58.2414, 102.0366



53.6867, 46.1968, 60.0000



14.1724, 13.8724, 17.3184



22.4855, 10.6870, 41.9260



1.5933, 0.7587, 2.9077

Inverse Universe

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



50.5627, 44.9472, 43.5492



65.2783, 55.7002, 51.9821



50.4239, 63.7327, 56.7720



13.7550, 13.7196, 14.4798



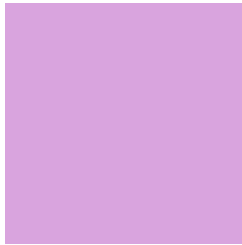
17.9806, 9.2592, 1.2978



1.2631, 0.6485, 0.1785

Previews

White Background



This preview shows how the XYZ color 55.0755, 46.5766, 75.1946 looks on a white background.

Color Contrast Check

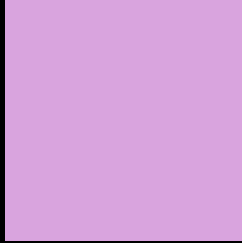
Large Text (above 18pt) WCAG AA × Fail

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 55.0755, 46.5766, 75.1946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

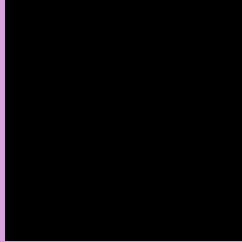
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0755, 46.5766, 75.1946

Background



This preview shows how black text looks on a background with the XYZ color 55.0755, 46.5766, 75.1946.



This preview shows how white text looks on a background with the XYZ color 55.0755, 46.5766,

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

55.0755, 46.5766, 75.1946

Protanopia

47.1777, 46.8505, 83.6473

Deuteranopia

47.7626, 46.7790, 73.5297



Tritanopia

50.3660, 46.5836, 51.6844

Trichromacy



Original Color

55.0755, 46.5766, 75.1946

Protanomaly

49.5286, 46.3683, 80.4683

Deuteranomaly

50.1100, 46.5238, 74.0491

Tritanomaly

51.9272, 46.3786, 59.6412

Monochromacy



Original Color

55.0755, 46.5766, 75.1946

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.2552, 47.8346, 60.6698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0755, 46.5766, 75.1946 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(217, 164, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 164, 222)  
}
```

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(217, 164, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 164, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.0755, 46.5766, 75.1946 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(217, 164, 222) }
```


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

```
.border{ border-color:rgb(217, 164, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 164, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 164, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 164, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 164,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0755, 46.5766, 75.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 164, 222) }
```

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

```
.background{ background-color: rgb(217,  
164, 222) }
```

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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