

Converting Colors

XYZ(55.7244, 46.2194, 72.6318)

Have a look what the booklet for
XYZ(55.7244, 46.2194, 72.6318)
contains.

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Color

**XYZ(55.5240, 46.0813,
72.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA1DA
RGB	222, 161, 218
RGB Percent	87%, 63%, 85%
CMY	0.1294, 0.3686, 0.1451
CMYK	0.00, 0.27, 0.02, 0.13
HSL	304°, 48%, 75%
HSV	304°, 27%, 87%
XYZ	55.5240, 46.0813, 72.2978
YIQ	185.7370, 18.0590, 30.6590

Conversions

Conversions Part 2

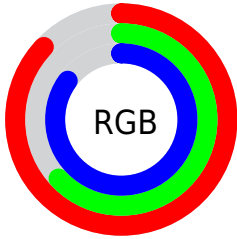
Format	Color
R _Y B	222, 161, 218
Decimal	14590426
CIE Lab	73.60, 31.78, -20.00
CIE LCh	74, 37.548, 327.810
Yxy	46.0813, 0.3193, 0.2650
Android (android.graphics.Color)	4292780506 (0xFFDEA1DA)
YUV	185.7370, 15.9057, 31.8027
Hunter-Lab	67.8832, 27.2056, -15.6275

Details

The XYZ color **55.5240, 46.0813, 72.2978** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.6127, 62.5378, 45.1615**, and the grayscale version is **46.4331, 48.8512, 53.1990**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **27.8054, 21.6886, 37.3711** is the 20% darker color. If you saturate the color by 10%, you get **51.7943, 38.9247, 70.1191**, and if you desaturate by 10%, it is **59.9470, 54.6201, 74.7169**.

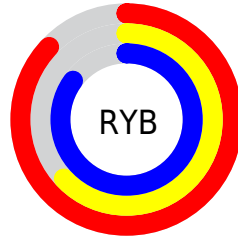
Distribution



Red (87%)

Green (63%)

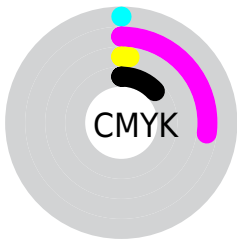
Blue (85%)



Red (87%)

Yellow (63%)

Blue (85%)

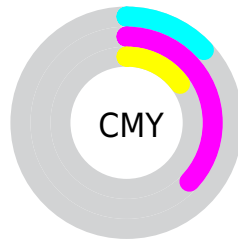


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (13%)



Cyan (13%)

Magenta (37%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5240, 46.0813, 72.2978 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 55.5240, 46.0813, 72.2978 by changing the saturation by 10% instead.

55.5240, 46.0813,
72.2978

55.5240, 46.0813,
72.2978

397.9994,
371.1354, 487.5828

40.0569, 32.3100,
52.9137

97.4521, 84.3407,
124.1915

27.7673, 21.5984,
37.3466

124.6439,
109.5975, 157.5381

18.2899, 13.5621,
25.1781

156.4746,
139.4516, 196.3760

11.2593, 7.8167,
15.9895

193.3095,
174.2874, 241.1236

6.3101, 3.9779,
9.3625

235.5141,
214.4893, 292.1996

3.0770, 1.6612,
4.8783

283.4537,

1.1946, 0.3983,

260.4417, 350.0224

2.1186

337.4937,
312.5289, 415.0107

■ 0.1021, 0.0000,
0.6268

■ 0.0000, 0.0000,
0.0000

■ 55.5240, 46.0813,
72.2978

■ 55.5240, 46.0813,
72.2978

■ 51.7943, 38.9247,
70.1191

■ 59.9470, 54.6201,
74.7169

■ 48.7172, 33.0714,
68.1656

■ 65.0926, 64.6025,
77.3847

■ 46.2542, 28.4437,
66.4251

■ 70.9940, 76.0935,
80.3126

■ 44.3613, 24.9534,
64.8827

■ 77.6807, 89.1526,
83.5107

42.9883, 22.5006,
63.5219

79.5137, 92.5014,
85.0992

42.0767, 20.9677,
62.3230

79.7135, 92.5814,
86.1517

41.5471, 20.1961,
61.2596

79.9151, 92.6620,
87.2131

41.4412, 20.0564,
61.0017

80.1184, 92.7433,
88.2835

80.3234, 92.8253,
89.3629

Harmonies

Analogous

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



50.0333, 46.0813, 89.9907



55.5240, 46.0813, 72.2978



57.8448, 46.0813, 51.5858

Triad

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



55.5240, 46.0813, 72.2978



44.2889, 46.0813, 21.7759



33.4434, 46.0813, 69.2524

Complementary

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



55.5240, 46.0813, 72.2978



47.6127, 62.5378, 45.1615

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.



32.2334, 46.0813, 48.7896



55.5240, 46.0813, 72.2978



38.1051, 46.0813, 24.2727

Square

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



55.5240, 46.0813, 72.2978



50.9630, 46.0813, 25.1445



33.8529, 46.0813, 33.0990



37.3398, 46.0813, 87.9427

Rectangle

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



55.5240, 46.0813, 72.2978



57.1221, 46.0813, 39.7957



33.8529, 46.0813, 33.0990



32.7274, 46.0813, 62.2176

Sweetspot

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



55.5254, 46.0833, 72.2988



88.6692, 87.5820, 105.7141



41.2519, 38.6638, 74.3970



18.7382, 18.2786, 22.5045



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.



55.5254, 46.0833, 72.2988



72.9486, 57.1988, 97.2119



51.9965, 44.6718, 53.7156



14.2542, 13.9193, 17.1087



24.6311, 11.9195, 36.3188



1.7192, 0.8309, 2.5800

Inverse Universe

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



55.5254, 46.0833, 72.2988



72.9486, 57.1988, 97.2119



50.6205, 63.7409, 61.0005



14.2542, 13.9193, 17.1087



24.6311, 11.9195, 36.3188



1.7192, 0.8309, 2.5800

Previews

White Background



This preview shows how the XYZ color 55.5240, 46.0813, 72.2978 looks on a white background.

Color Contrast Check

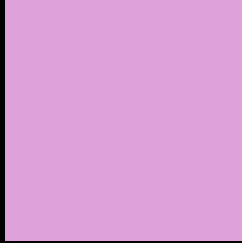
Large Text (above 18pt) WCAG AA × Fail

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 55.5240, 46.0813, 72.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

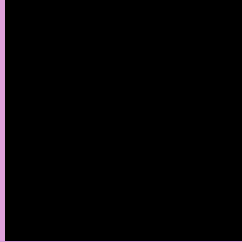
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5240, 46.0813, 72.2978

Background



This preview shows how black text looks on a background with the XYZ color 55.5240, 46.0813, 72.2978.



This preview shows how white text looks on a background with the XYZ color 55.5240, 46.0813,

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

55.5240, 46.0813, 72.2978

Protanopia

46.6924, 46.3346, 82.0838

Deuteranopia

47.2793, 46.2957, 70.7340



Tritanopia

50.9584, 46.0932, 49.9271

Trichromacy



Original Color

55.5240, 46.0813, 72.2978



Protanomaly

49.2190, 45.6874, 78.1759



Deuteranomaly

49.9835, 45.9540, 71.2013



Tritanomaly

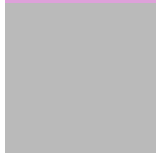
52.4062, 45.8654, 57.1297

Monochromacy



Original Color

55.5240, 46.0813, 72.2978



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.4684, 47.6636, 60.0188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5240, 46.0813, 72.2978 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, 161, 218)` looks like.

```
.text, #text, p{  
    color:rgb(222, 161, 218)  
}
```

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, 161, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 161, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.5240, 46.0813, 72.2978 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, 161, 218) }
```


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

```
.border{ border-color:rgb(222, 161, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 161, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 161, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 161, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 161,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5240, 46.0813, 72.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 161, 218) }
```

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

```
.background{ background-color: rgb(222,  
161, 218) }
```

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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