

Converting Colors

XYZ(53.6574, 46.3112, 78.7958)

Have a look what the booklet for
XYZ(53.6574, 46.3112, 78.7958)
contains.

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Color

**XYZ(53.5138, 46.2284,
78.7755)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A6E3
RGB	208, 166, 227
RGB Percent	82%, 65%, 89%
CMY	0.1843, 0.3490, 0.1098
CMYK	0.08, 0.27, 0.00, 0.11
HSL	281°, 52%, 77%
HSV	281°, 27%, 89%
XYZ	53.5138, 46.2284, 78.7755
YIQ	185.5120, 5.4510, 27.8750

Conversions

Conversions Part 2

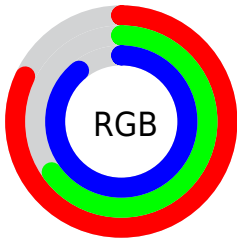
Format	Color
R _Y B	208, 166, 227
Decimal	13674211
CIE Lab	73.69, 26.26, -24.90
CIE LCh	74, 36.189, 316.521
Yxy	46.2284, 0.2998, 0.2590
Android (android.graphics.Color)	4291864291 (0xFFD0A6E3)
YUV	185.5120, 20.4536, 19.7220
Hunter-Lab	67.9915, 21.5063, -21.0999

Details

The XYZ color **53.5138, 46.2284, 78.7755** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.3611, 68.0067, 46.3400**, and the grayscale version is **46.2879, 48.6985, 53.0327**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **26.5049, 21.7472, 41.3287** is the 20% darker color. If you saturate the color by 10%, you get **47.8024, 37.6906, 77.4293**, and if you desaturate by 10%, it is **60.0450, 56.2724, 80.3707**.

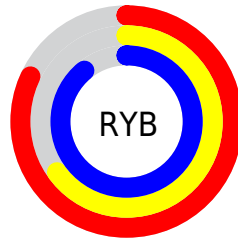
Distribution



Red (82%)

Green (65%)

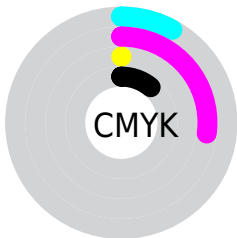
Blue (89%)



Red (82%)

Yellow (65%)

Blue (89%)

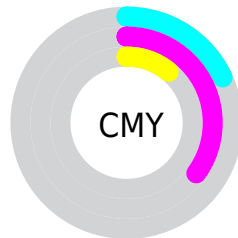


Cyan (8%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (18%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5138, 46.2284, 78.7755 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 53.5138, 46.2284, 78.7755 by changing the saturation by 10% instead.

 53.5138, 46.2284,
78.7755


 53.5138, 46.2284,
78.7755


390.4819,
371.7261, 510.3941

 38.4422, 32.4261,
58.1910

 94.5211, 84.5607,
133.4386

 26.5049, 21.6872,
41.5465

 121.1875,
109.8595, 168.3542

 17.3364, 13.6272,
28.4235


152.4495,
139.7593, 208.8840

 10.5714, 7.8618,
18.4033

188.6726,
174.6444, 255.4465

 5.8446, 4.0067,
11.0675

230.2220,
214.8992, 308.4602

 2.7906, 1.6773,
5.9975

277.4631,

 1.0440, 0.4089,

260.9082, 368.3437

2.7748

330.7613,
313.0557, 435.5155

■ 0.0000, 0.0000,
0.9808

■ 0.0000, 0.0000,
0.0000

■ 53.5138, 46.2284,
78.7755

■ 53.5138, 46.2284,
78.7755

■ 47.8024, 37.6906,
77.4293

■ 60.0450, 56.2724,
80.3707

■ 42.8671, 30.5758,
76.3161

■ 67.4282, 67.8882,
82.2236

■ 38.6662, 24.8019,
75.4230

■ 75.6992, 81.1446,
84.3464

■ 35.1524, 20.2757,
74.7346

■ 84.3118, 94.9477,
86.5567

■ 32.2720, 16.8916,
74.2332

■ 86.7099, 96.1840,
86.6690

■ 29.9623, 14.5263,
73.8984

■ 89.2022, 97.4688,
86.7856

■ 28.1431, 13.0211,
73.7037

■ 90.8653, 98.3261,
86.8634

■ 27.6328, 12.6435,
73.6578

Harmonies

Analogous

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



47.5416, 46.2284, 92.3822



53.5138, 46.2284, 78.7755



57.0628, 46.2284, 59.0293

Triad

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



53.5138, 46.2284, 78.7755



46.8780, 46.2284, 23.1981



33.1392, 46.2284, 61.0668

Complementary

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



53.5138, 46.2284, 78.7755



54.3611, 68.0067, 46.3400

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.



32.9990, 46.2284, 42.5391



53.5138, 46.2284, 78.7755



40.5226, 46.2284, 23.4889

Square

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



53.5138, 46.2284, 78.7755



52.9875, 46.2284, 28.8011



35.5799, 46.2284, 29.7248



35.9837, 46.2284, 80.5766

Rectangle

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



53.5138, 46.2284, 78.7755



57.3730, 46.2284, 46.4277



35.5799, 46.2284, 29.7248



32.7846, 46.2284, 54.4553

Sweetspot

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



53.5153, 46.2304, 78.7765



86.5847, 86.4826, 106.7370



47.0081, 48.4856, 79.5548



18.2099, 18.0000, 22.7645



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.



53.5153, 46.2304, 78.7765



65.5700, 54.0149, 101.5778



57.6871, 48.5536, 71.1740



14.5355, 14.3783, 18.1535



16.2405, 7.4382, 42.9629



1.2946, 0.5984, 3.1792

Inverse Universe

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



54.0732, 47.1081, 52.1437



66.5479, 55.4158, 61.1100



51.1507, 66.2280, 51.7802



14.5610, 14.4416, 15.8884



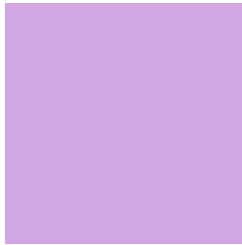
19.1791, 9.8058, 4.5720



1.4579, 0.7409, 0.5519

Previews

White Background



This preview shows how the XYZ color 53.5138, 46.2284, 78.7755 looks on a white background.

Color Contrast Check

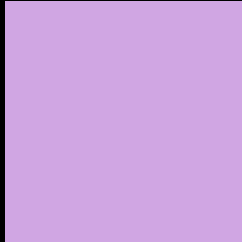
Large Text (above 18pt) WCAG AA × Fail

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 53.5138, 46.2284, 78.7755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

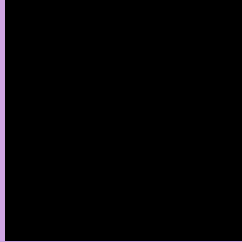
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5138, 46.2284, 78.7755

Background



This preview shows how black text looks on a background with the XYZ color 53.5138, 46.2284, 78.7755.



This preview shows how white text looks on a background with the XYZ color 53.5138, 46.2284,

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

53.5138, 46.2284, 78.7755

Protanopia

47.1320, 46.4616, 86.6046

Deuteranopia

47.6425, 46.6241, 77.7225



Tritanopia

48.4628, 46.4165, 53.4187

Trichromacy



Original Color

53.5138, 46.2284, 78.7755

Protanomaly

48.9001, 45.9791, 83.3883

Deuteranomaly

49.6026, 46.4545, 78.3038

Tritanomaly

50.1254, 46.2275, 62.1580

Monochromacy



Original Color

53.5138, 46.2284, 78.7755

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.9108, 47.9266, 61.9312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5138, 46.2284, 78.7755 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(208, 166, 227)` looks like.

```
.text, #text, p{  
    color:rgb(208, 166, 227)  
}
```

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(208, 166, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 166, 227) }
```

Border

The CSS property to change the border of an element to XYZ 53.5138, 46.2284, 78.7755 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(208, 166, 227) }
```


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

```
.border{ border-color:rgb(208, 166, 227) }
```

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

Here you see how a box with a 4 pixel rgb(208, 166, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 166, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 166, 227);  
box-shadow:4px 4px 4px 4px rgb(208, 166,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5138, 46.2284, 78.7755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 166, 227) }
```

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

```
.background{ background-color: rgb(208,  
166, 227) }
```

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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