

Converting Colors

XYZ(53.5163, 46.5705, 77.7387)

Have a look what the booklet for
XYZ(53.5163, 46.5705, 77.7387)
contains.

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Color

**XYZ(53.4217, 46.4836,
77.3908)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A7E1
RGB	208, 167, 225
RGB Percent	82%, 65%, 88%
CMY	0.1843, 0.3451, 0.1176
CMYK	0.08, 0.26, 0.00, 0.12
HSL	282°, 49%, 77%
HSV	282°, 26%, 88%
XYZ	53.4217, 46.4836, 77.3908
YIQ	185.8710, 5.8180, 26.7300

Conversions

Conversions Part 2

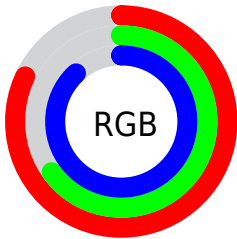
Format	Color
R _{YB}	208, 167, 225
Decimal	13674465
CIE Lab	73.86, 25.31, -23.56
CIE LCh	74, 34.579, 317.055
Yxy	46.4836, 0.3013, 0.2622
Android (android.graphics.Color)	4291864545 (0xFFD0A7E1)
YUV	185.8710, 19.2906, 19.4071
Hunter-Lab	68.1789, 20.5510, -19.5757

Details

The XYZ color **53.4217, 46.4836, 77.3908** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.6692, 66.8321, 46.6327**, and the grayscale version is **46.4944, 48.9157, 53.2692**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **26.5233, 21.9361, 40.8664** is the 20% darker color. If you saturate the color by 10%, you get **47.8374, 38.0099, 76.0503**, and if you desaturate by 10%, it is **59.8031, 56.4351, 78.9760**.

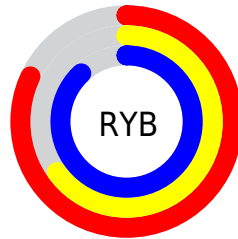
Distribution



Red (82%)

Green (65%)

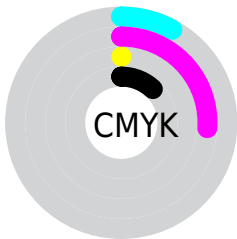
Blue (88%)



Red (82%)

Yellow (65%)

Blue (88%)

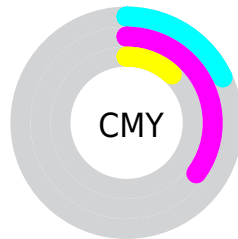


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (12%)



Cyan (18%)

Magenta (35%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4217, 46.4836, 77.3908 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 53.4217, 46.4836, 77.3908 by changing the saturation by 10% instead.


 53.4217, 46.4836,
77.3908


 53.4217, 46.4836,
77.3908


390.1353,
372.7495, 505.5684

 38.3683, 32.6276,
57.0602

 94.3865, 84.9423,
131.4690

 26.4472, 21.8413,
40.6439


 121.0286,
110.3138, 166.0537

 17.2929, 13.7404,
27.7233

152.2644,
140.2925, 206.2269

 10.5402, 7.9403,
17.8800

188.4592,
175.2630, 252.4071

 5.8235, 4.0568,
10.6953

229.9783,
215.6095, 305.0128

 2.7777, 1.7054,
5.7508

277.1871,

 1.0373, 0.4271,

261.7165, 364.4625

2.6278

330.4510,
313.9684, 431.1749

■ 0.0000, 0.0000,
0.9068

■ 0.0000, 0.0000,
0.0000

■ 53.4217, 46.4836,
77.3908

■ 53.4217, 46.4836,
77.3908

■ 47.8374, 38.0099,
76.0503

■ 59.8031, 56.4351,
78.9760

■ 43.0078, 30.9335,
74.9389

■ 67.0127, 67.9280,
80.8144

■ 38.8929, 25.1747,
74.0442

■ 75.0849, 81.0291,
82.9177

■ 35.4469, 20.6437,
73.3513

■ 83.4080, 94.5134,
85.0818

■ 32.6185, 17.2388,
72.8431

■ 85.6185, 95.6530,
85.1852

■ 30.3477, 14.8417,
72.5001

■ 87.9106, 96.8346,
85.2925

■ 28.5608, 13.3068,
72.2981

■ 90.2850, 98.0587,
85.4036

■ 27.8987, 12.8123,
72.2375

■ 90.5907, 98.2163,
85.4179

Harmonies

Analogous

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



47.7434, 46.4836, 90.4173



53.4217, 46.4836, 77.3908



56.7464, 46.4836, 58.5907

Triad

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



53.4217, 46.4836, 77.3908



46.8856, 46.4836, 24.2479



33.8064, 46.4836, 61.2168

Complementary

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



53.4217, 46.4836, 77.3908



53.6692, 66.8321, 46.6327

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.



33.6231, 46.4836, 43.3940



53.4217, 46.4836, 77.3908



40.8008, 46.4836, 24.6350

Square

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



53.4217, 46.4836, 77.3908



52.7436, 46.4836, 29.6377



36.0730, 46.4836, 30.8567



36.5997, 46.4836, 79.6939

Rectangle

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



53.4217, 46.4836, 77.3908



56.9962, 46.4836, 46.5636



36.0730, 46.4836, 30.8567



33.4473, 46.4836, 54.8900

Sweetspot

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



53.4232, 46.4856, 77.3918



86.7181, 86.5514, 106.7433



46.7526, 48.1012, 78.0552



18.2436, 18.0173, 22.7661



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.



53.4232, 46.4856, 77.3918



66.7888, 55.3783, 101.7767



56.9326, 48.4714, 69.5737



13.8833, 13.7234, 17.3048



16.1982, 7.4458, 41.6318



1.2107, 0.5615, 2.8898

Inverse Universe

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



53.5234, 47.1078, 51.6215



67.0784, 56.4202, 61.4611



50.9595, 65.3057, 52.3575



13.8717, 13.7663, 15.0944



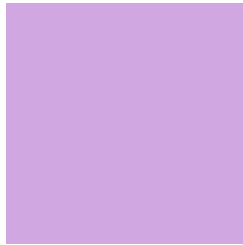
18.5035, 9.4684, 4.0510



1.3209, 0.6716, 0.4827

Previews

White Background



This preview shows how the XYZ color 53.4217, 46.4836, 77.3908 looks on a white background.

Color Contrast Check

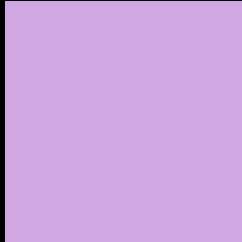
Large Text (above 18pt) WCAG AA × Fail

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 53.4217, 46.4836, 77.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

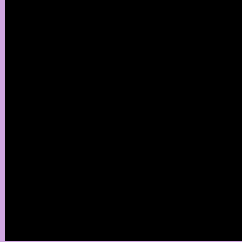
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4217, 46.4836, 77.3908

Background



This preview shows how black text looks on a background with the XYZ color 53.4217, 46.4836, 77.3908.



This preview shows how white text looks on a background with the XYZ color 53.4217, 46.4836,

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

53.4217, 46.4836, 77.3908

Protanopia

47.3210, 46.9079, 84.4019

Deuteranopia

47.8301, 46.7522, 76.3152



Tritanopia

48.5703, 46.4595, 53.9846

Trichromacy



Original Color

53.4217, 46.4836, 77.3908

Protanomaly

49.2822, 46.4967, 81.9786

Deuteranomaly

49.8258, 46.6011, 76.8898

Tritanomaly

50.0074, 46.1802, 61.5363

Monochromacy



Original Color

53.4217, 46.4836, 77.3908

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.7936, 47.8797, 61.3136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4217, 46.4836, 77.3908 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, 167, 225)` looks like.

```
.text, #text, p{  
    color:rgb(208, 167, 225)  
}
```

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, 167, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 167, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.4217, 46.4836, 77.3908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

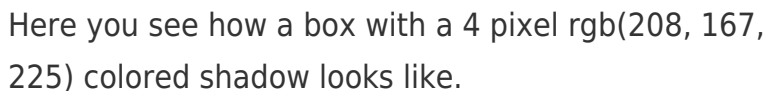
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 167, 225) }
```


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

```
.border{ border-color:rgb(208, 167, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 167, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 167, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 167, 225); box-shadow:4px 4px 4px 4px rgb(208, 167, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4217, 46.4836, 77.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 167, 225) }
```

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

```
.background{ background-color: rgb(208,  
167, 225) }
```

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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