

Converting Colors

XYZ(50.4207, 47.3519, 75.6012)

Have a look what the booklet for
XYZ(50.4207, 47.3519, 75.6012)
contains.

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Color

**XYZ(50.2530, 47.1403,
75.5576)**

Conversions

Conversions Part 1

Format	Color
Hex	C0AFDE
RGB	192, 175, 222
RGB Percent	75%, 69%, 87%
CMY	0.2471, 0.3137, 0.1294
CMYK	0.14, 0.21, 0.00, 0.13
HSL	262°, 42%, 78%
HSV	262°, 21%, 87%
XYZ	50.2530, 47.1403, 75.5576
YIQ	185.4410, -4.9550, 18.2210

Conversions

Conversions Part 2

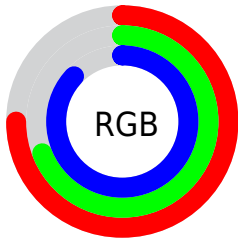
Format	Color
RYB	192, 175, 222
Decimal	12627934
CIELab	74.28, 15.17, -21.41
CIELCh	74, 26.242, 305.319
Yxy	47.1403, 0.2906, 0.2726
Android (android.graphics.Color)	4290818014 (0xFFC0AFDE)
YUV	185.4410, 18.0236, 5.7522
Hunter-Lab	68.6588, 10.4955, -17.1863

Details

The XYZ color **50.2530, 47.1403, 75.5576** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.0375, 68.3180, 50.6346**, and the grayscale version is **46.2655, 48.6750, 53.0070**.

A 20% lighter version of the original color is **85.6928, 84.5116, 106.4036**, and **24.5392, 22.3592, 39.5816** is the 20% darker color. If you saturate the color by 10%, you get **42.8656, 37.4374, 74.0749**, and if you desaturate by 10%, it is **58.6992, 58.4458, 77.2954**.

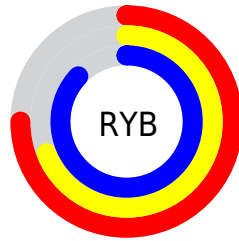
Distribution



Red (75%)

Green (69%)

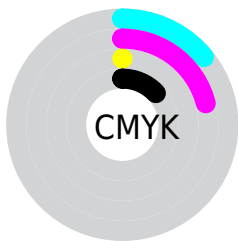
Blue (87%)



Red (75%)

Yellow (69%)

Blue (87%)

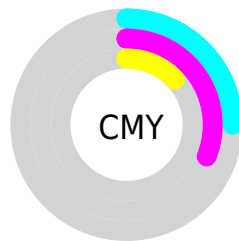


Cyan (14%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (25%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2530, 47.1403, 75.5576 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 50.2530, 47.1403, 75.5576 by changing the saturation by 10% instead.

■ 50.2530, 47.1403,
75.5576

■ 50.2530, 47.1403,
75.5576

378.0902,
375.3743, 499.1384

■ 35.8331, 33.1466,
55.5653

■ 89.7392, 85.9230,
128.8557

■ 24.4748, 22.2388,
39.4529

115.5362,
111.4808, 162.9986

■ 15.8129, 14.0324,
26.8017

145.8563,
141.6620, 202.6955

■ 9.4818, 8.1432,
17.1932

181.0648,
176.8512, 248.3649

■ 5.1164, 4.1867,
10.2089

221.5270,
217.4326, 300.4254

■ 2.3512, 1.7786,
5.4303

267.6085,

■ 0.8207, 0.4738,

263.7906, 359.2954

2.4388

319.6744,
316.3097, 425.3936

■ 0.0000, 0.0000,
0.8074

■ 0.0000, 0.0000,
0.0000

■ 50.2530, 47.1403,
75.5576

■ 50.2530, 47.1403,
75.5576

■ 42.8656, 37.4374,
74.0749

■ 58.6992, 58.4458,
77.2954

■ 36.4880, 29.2568,
72.8320

■ 68.2414, 71.4175,
79.2962

■ 31.0742, 22.5202,
71.8170

■ 78.9202, 86.1226,
81.5718

■ 26.5721, 17.1395,
71.0157

■ 87.8997, 96.8759,
83.1741

■ 22.9245, 13.0169,
70.4122

■ 90.1850, 98.0540,
83.2810

■ 20.0667, 10.0404,
69.9883

■ 17.9229, 8.0775,
69.7225

■ 16.5181, 6.9923,
69.5870

Harmonies

Analogous

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



45.6511, 47.1403, 81.7585



50.2530, 47.1403, 75.5576



53.5571, 47.1403, 62.9489

Triad

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



50.2530, 47.1403, 75.5576



48.6981, 47.1403, 31.1679



36.3723, 47.1403, 53.7723

Complementary

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



50.2530, 47.1403, 75.5576



59.0375, 68.3180, 50.6346

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.



37.0632, 47.1403, 41.2329



50.2530, 47.1403, 75.5576



43.9703, 47.1403, 29.5754

Square

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



50.2530, 47.1403, 75.5576



52.6161, 47.1403, 37.7345



39.7665, 47.1403, 32.9257



37.8087, 47.1403, 67.8468

Rectangle

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



50.2530, 47.1403, 75.5576



54.4607, 47.1403, 53.4755



39.7665, 47.1403, 32.9257



36.3646, 47.1403, 49.2383

Sweetspot

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



50.2545, 47.1423, 75.5586



86.8596, 88.8182, 107.1734



52.8287, 58.3157, 77.5797



18.4080, 18.7613, 22.9010



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.



50.2545, 47.1423, 75.5586



64.5567, 58.9332, 102.5805



56.5258, 50.3753, 75.8521



13.4177, 13.4834, 17.2830



9.9224, 4.2105, 41.3381



0.7835, 0.3412, 2.8698

Inverse Universe

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



56.4751, 50.5992, 64.5496



74.4827, 64.4537, 84.8164



53.1639, 65.2900, 50.3598



14.0736, 13.8471, 16.1580



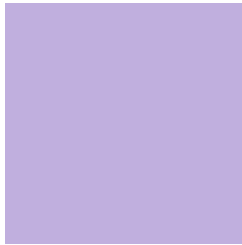
20.8352, 10.4011, 16.3299



1.4866, 0.7379, 1.3553

Previews

White Background



This preview shows how the XYZ color 50.2530, 47.1403, 75.5576 looks on a white background.

Color Contrast Check

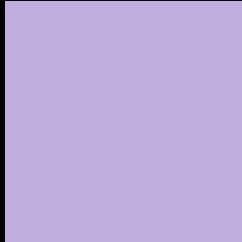
Large Text (above 18pt) WCAG AA × Fail

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 50.2530, 47.1403, 75.5576 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 50.2530, 47.1403, 75.5576

Background



This preview shows how black text looks on a background with the XYZ color 50.2530, 47.1403, 75.5576.



This preview shows how white text looks on a background with the XYZ color 50.2530, 47.1403,

75.5576.

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

50.2530, 47.1403, 75.5576

Protanopia

47.2646, 47.3094, 78.5920

Deuteranopia

48.2273, 47.2844, 74.9916



Tritanopia

46.5524, 47.1024, 57.6770

Trichromacy



Original Color

50.2530, 47.1403, 75.5576

Protanomaly

48.3011, 47.2601, 77.8105

Deuteranomaly

48.9791, 47.3755, 74.9695

Tritanomaly

47.8057, 47.0192, 63.6827

Monochromacy



Original Color

50.2530, 47.1403, 75.5576

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.4560, 47.8163, 60.1544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2530, 47.1403, 75.5576 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(192, 175, 222)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 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(192, 175, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 222) }
```

Border

The CSS property to change the border of an element to XYZ 50.2530, 47.1403, 75.5576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

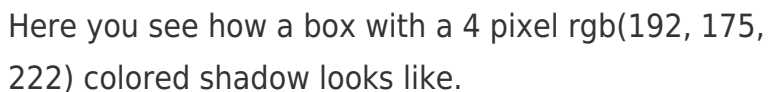
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 175, 222) }
```


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

```
.border{ border-color:rgb(192, 175, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 175, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 175, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 175, 222); box-shadow:4px 4px 4px 4px rgb(192, 175, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2530, 47.1403, 75.5576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 222) }
```

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

```
.background{ background-color: rgb(192,  
175, 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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