

Converting Colors

XYZ(50.8962, 47.3463, 79.3432)

Have a look what the booklet for
XYZ(50.8962, 47.3463, 79.3432)
contains.

XYZ(50.9333, 47.4125, 79.1401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.9333, 47.4125,
79.1401)**

Conversions

Conversions Part 1

Format	Color
Hex	C0AFE3
RGB	192, 175, 227
RGB Percent	75%, 69%, 89%
CMY	0.2471, 0.3137, 0.1098
CMYK	0.15, 0.23, 0.00, 0.11
HSL	260°, 48%, 79%
HSV	260°, 23%, 89%
XYZ	50.9333, 47.4125, 79.1401
YIQ	186.0110, -6.5600, 19.7760

Conversions

Conversions Part 2

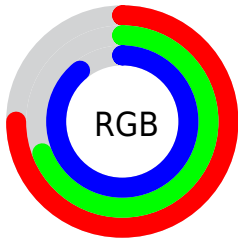
Format	Color
R_{YB}	192, 175, 227
Decimal	12627939
CIE _{Lab}	74.45, 16.24, -23.87
CIE _{LCh}	74, 28.870, 304.231
Yxy	47.4125, 0.2870, 0.2671
Android (android.graphics.Color)	4290818019 (0xFFC0AFE3)
YUV	186.0110, 20.2076, 5.2524
Hunter-Lab	68.8567, 11.5371, -19.9449

Details

The XYZ color **50.9333, 47.4125, 79.1401** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.7870, 71.7362, 51.1496**, and the grayscale version is **46.5726, 48.9980, 53.3588**.

A 20% lighter version of the original color is **85.6928, 84.5116, 106.4036**, and **24.9149, 22.5095, 41.5597** is the 20% darker color. If you saturate the color by 10%, you get **43.2113, 37.4160, 77.6183**, and if you desaturate by 10%, it is **59.8027, 59.1053, 80.9303**.

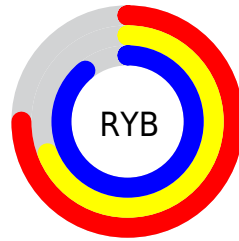
Distribution



Red (75%)

Green (69%)

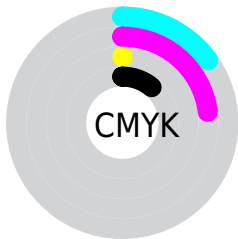
Blue (89%)



Red (75%)

Yellow (69%)

Blue (89%)

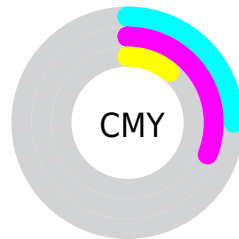


Cyan (15%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9333, 47.4125, 79.1401 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 50.9333, 47.4125, 79.1401 by changing the saturation by 10% instead.

■ 50.9333, 47.4125,
79.1401

■ 50.9333, 47.4125,
79.1401

380.6965,
376.4587, 511.6603

■ 36.3764, 33.3619,
58.4890

■ 90.7397, 86.3290,
133.9565

■ 24.8965, 22.4038,
41.7846

116.7200,
111.9637, 168.9589

■ 16.1282, 14.1539,
28.6084

147.2386,
142.2286, 209.5822

■ 9.7064, 8.2278,
18.5417

182.6612,
177.5079, 256.2449

■ 5.2655, 4.2411,
11.1662

223.3528,
218.1862, 309.3655

■ 2.4402, 1.8093,
6.0631

269.6791,

■ 0.8652, 0.4930,

264.6479, 369.3626

2.8141

322.0052,
317.2772, 436.6547

■ 0.0000, 0.0000,
1.0005

■ 0.0000, 0.0000,
0.0000

■ 50.9333, 47.4125,
79.1401

■ 50.9333, 47.4125,
79.1401

■ 43.2113, 37.4160,
77.6183

■ 59.8027, 59.1053,
80.9303

■ 36.5827, 29.0294,
76.3489

■ 69.8611, 72.5634,
82.9979

■ 30.9961, 22.1675,
75.3189

■ 81.1535, 87.8595,
85.3551

■ 26.3936, 16.7345,
74.5128

■ 90.1770, 97.9713,
86.8313

■ 22.7110, 12.6236,
73.9134

■ 90.8653, 98.3261,
86.8635

■ 19.8759, 9.7122,
73.5009

■ 17.8025, 7.8532,
73.2513

■ 16.7052, 7.0102,
73.1464

Harmonies

Analogous

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



45.8068, 47.4125, 85.8186



50.9333, 47.4125, 79.1401



54.6938, 47.4125, 65.1178

Triad

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



50.9333, 47.4125, 79.1401



49.5577, 47.4125, 29.8706



35.8000, 47.4125, 53.7686

Complementary

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



50.9333, 47.4125, 79.1401



61.7870, 71.7362, 51.1496

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.



36.6369, 47.4125, 40.1366



50.9333, 47.4125, 79.1401



44.3295, 47.4125, 27.9863

Square

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



50.9333, 47.4125, 79.1401



53.8576, 47.4125, 37.1176



39.6642, 47.4125, 31.3637



37.2841, 47.4125, 69.4896

Rectangle

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



50.9333, 47.4125, 79.1401



55.7758, 47.4125, 54.5597



39.6642, 47.4125, 31.3637



35.8200, 47.4125, 48.7959

Sweetspot

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



50.9348, 47.4145, 79.1412



85.3346, 86.9273, 106.8888



54.7245, 61.0186, 81.5673



18.0938, 18.3766, 22.8433



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.



50.9348, 47.4145, 79.1412



61.8380, 55.9064, 102.1395



57.9508, 51.0313, 79.4695



14.0243, 14.1148, 18.1296



9.8516, 4.1446, 42.6639



0.8229, 0.3552, 3.1572

Inverse Universe

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



58.6430, 51.6460, 67.8529



73.4662, 62.2953, 84.8638



55.1037, 68.2909, 50.8369



14.7842, 14.5309, 17.0641



21.8742, 10.8839, 18.7646



1.6587, 0.8212, 1.6094

Previews

White Background



This preview shows how the XYZ color 50.9333, 47.4125, 79.1401 looks on a white background.

Color Contrast Check

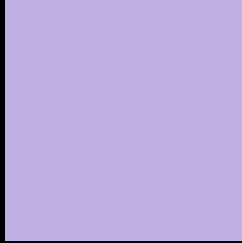
Large Text (above 18pt) WCAG AA × Fail

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 50.9333, 47.4125, 79.1401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

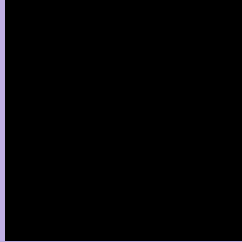
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9333, 47.4125, 79.1401

Background



This preview shows how black text looks on a background with the XYZ color 50.9333, 47.4125, 79.1401.



This preview shows how white text looks on a background with the XYZ color 50.9333, 47.4125,

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

50.9333, 47.4125, 79.1401

Protanopia

47.7423, 47.4752, 82.2486

Deuteranopia

48.4380, 47.3149, 78.5312



Tritanopia

46.8677, 47.5527, 58.3381

Trichromacy



Original Color

50.9333, 47.4125, 79.1401

Protanomaly

48.9934, 47.5371, 81.4563

Deuteranomaly

49.4150, 47.5221, 78.5197

Tritanomaly

48.3689, 47.5640, 65.6629

Monochromacy



Original Color

50.9333, 47.4125, 79.1401

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.0096, 48.3643, 62.0632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9333, 47.4125, 79.1401 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 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(192, 175, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 227) }
```

Border

The CSS property to change the border of an element to XYZ 50.9333, 47.4125, 79.1401 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, 227) }
```


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

```
.border{ border-color:rgb(192, 175, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 227);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9333, 47.4125, 79.1401 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, 227) }
```

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

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