

Converting Colors

XYZ(54.5473, 47.3336, 90.2385)

Have a look what the booklet for
XYZ(54.5473, 47.3336, 90.2385)
contains.

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Color

**XYZ(54.5721, 47.3433,
90.2663)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA9F2
RGB	202, 169, 242
RGB Percent	79%, 66%, 95%
CMY	0.2078, 0.3372, 0.0510
CMYK	0.17, 0.30, 0.00, 0.05
HSL	267°, 74%, 81%
HSV	267°, 30%, 95%
XYZ	54.5721, 47.3433, 90.2663
YIQ	187.1890, -3.7650, 29.6990

Conversions

Conversions Part 2

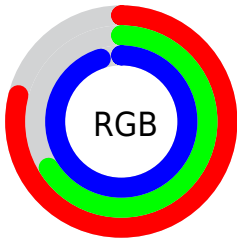
Format	Color
R _{YB}	202, 169, 242
Decimal	13281778
CIE Lab	74.41, 25.88, -32.00
CIE LCh	74, 41.159, 308.960
Yxy	47.3433, 0.2840, 0.2463
Android (android.graphics.Color)	4291471858 (0xFFCAA9F2)
YUV	187.1890, 27.0218, 12.9892
Hunter-Lab	68.8065, 21.1614, -29.6172

Details

The XYZ color **54.5721, 47.3433, 90.2663** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.2095, 79.9253, 49.5284**, and the grayscale version is **47.1959, 49.6537, 54.0729**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **27.2568, 22.4708, 49.3551** is the 20% darker color. If you saturate the color by 10%, you get **47.0449, 37.3877, 88.7422**, and if you desaturate by 10%, it is **63.2439, 59.1281, 92.0847**.

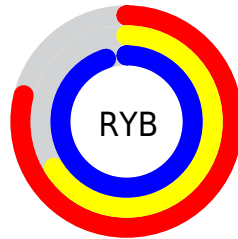
Distribution



Red (79%)

Green (66%)

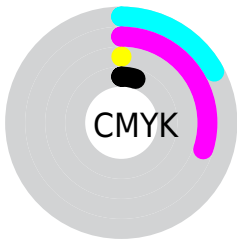
Blue (95%)



Red (79%)

Yellow (66%)

Blue (95%)

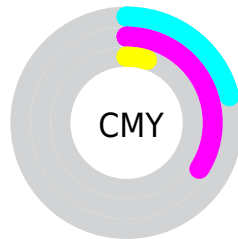


Cyan (17%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (34%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5721, 47.3433, 90.2663 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 54.5721, 47.3433, 90.2663 by changing the saturation by 10% instead.


 54.5721, 47.3433,
90.2663


 54.5721, 47.3433,
90.2663


394.4507,
376.1832, 549.4892

 39.2917, 33.3071,
67.6266

 96.0657, 86.2258,
149.6470

 27.1685, 22.3618,
49.1292


 123.0097,
111.8410, 187.2250

 17.8370, 14.1230,
34.3557


154.5722,
142.0846, 230.6196

 10.9320, 8.2063,
22.8874

191.1186,
177.3410, 280.2492

 6.0881, 4.2272,
14.3059

233.0143,
217.9947, 336.5325

 2.9399, 1.8015,
8.1925

280.6247,

 1.1221, 0.4881,

264.4301, 399.8878

4.1289

334.3150,
317.0314, 470.7339

■ 0.0435, 0.0000,
1.6963

■ 0.0000, 0.0000,
0.3582

■ 54.5721, 47.3433,
90.2663

■ 54.5721, 47.3433,
90.2663

■ 47.0449, 37.3877,
88.7422

■ 63.2439, 59.1281,
92.0847

■ 40.6040, 29.1593,
87.4934

■ 73.1056, 72.8250,
94.2087

■ 35.1922, 22.5551,
86.5039

■ 84.2054, 88.5189,
96.6529

■ 30.7450, 17.4578,
85.7544

■ 93.0272, 99.1909,
98.2479

■ 27.1890, 13.7342,
85.2231

■ 24.4382, 11.2258,
84.8839

■ 22.3827, 9.6873,
84.6953

Harmonies

Analogous

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



47.2557, 47.3433, 103.3199



54.5721, 47.3433, 90.2663



59.6608, 47.3433, 67.6428

Triad

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



54.5721, 47.3433, 90.2663



50.3139, 47.3433, 22.0580



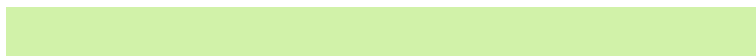
32.3326, 47.3433, 58.1736

Complementary

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



54.5721, 47.3433, 90.2663



65.2095, 79.9253, 49.5284

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.



32.9596, 47.3433, 38.2344



54.5721, 47.3433, 90.2663



42.8141, 47.3433, 20.8189

Square

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



54.5721, 47.3433, 90.2663



57.0207, 47.3433, 29.9002



36.6154, 47.3433, 25.8699



34.7971, 47.3433, 81.7231

Rectangle

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



54.5721, 47.3433, 90.2663



60.8125, 47.3433, 52.2936



36.6154, 47.3433, 25.8699



32.1951, 47.3433, 50.8112

Sweetspot

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



54.5737, 47.3452, 90.2674



83.6845, 83.9138, 106.3941



55.2281, 60.5221, 92.7763



17.5418, 17.4418, 22.6920



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.



54.5737, 47.3452, 90.2674



56.2764, 46.4217, 100.6019



65.5938, 53.0263, 90.7831



15.5759, 15.5786, 19.9076



12.1768, 5.2828, 45.5058



1.1261, 0.4978, 3.7909

Inverse Universe

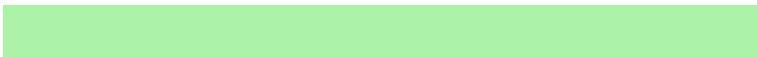
The Inverse Universe completely reimagines the original color for something new.



62.3160, 51.8585, 67.0487



66.4468, 52.3551, 69.8887



56.0714, 75.2144, 49.1007



16.1352, 15.9038, 18.2682



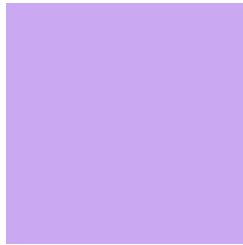
22.0011, 11.0728, 13.1880



1.8804, 0.9412, 1.3610

Previews

White Background



This preview shows how the XYZ color 54.5721, 47.3433, 90.2663 looks on a white background.

Color Contrast Check

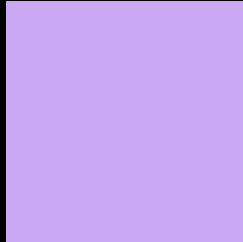
Large Text (above 18pt) WCAG AA × Fail

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 54.5721, 47.3433, 90.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

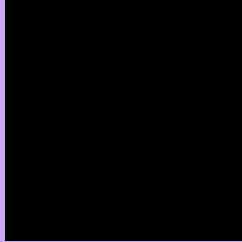
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5721, 47.3433, 90.2663

Background



This preview shows how black text looks on a background with the XYZ color 54.5721, 47.3433, 90.2663.



This preview shows how white text looks on a background with the XYZ color 54.5721, 47.3433,

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

54.5721, 47.3433, 90.2663

Protanopia

48.8368, 47.6942, 97.8987

Deuteranopia

48.6270, 47.4798, 89.0397



Tritanopia

47.9939, 47.5598, 57.1025

Trichromacy



Original Color

54.5721, 47.3433, 90.2663

Protanomaly

50.7969, 47.5687, 95.3113

Deuteranomaly

50.6939, 47.3466, 89.6860

Tritanomaly

50.1138, 47.2334, 68.1037

Monochromacy



Original Color

54.5721, 47.3433, 90.2663

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.3220, 48.3540, 65.7652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5721, 47.3433, 90.2663 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(202, 169, 242)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 242)  
}
```

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(202, 169, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 242) }
```

Border

The CSS property to change the border of an element to XYZ 54.5721, 47.3433, 90.2663 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(202, 169, 242) }
```


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

```
.border{ border-color:rgb(202, 169, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 242);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5721, 47.3433, 90.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 242) }
```

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

```
.background{ background-color: rgb(202,  
169, 242) }
```

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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