

Converting Colors

XYZ(54.0451, 47.7037, 95.2514)

Have a look what the booklet for
XYZ(54.0451, 47.7037, 95.2514)
contains.

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Color

**XYZ(54.2015, 47.8845,
95.1928)**

Conversions

Conversions Part 1

Format	Color
Hex	C3ACF8
RGB	195, 172, 248
RGB Percent	76%, 67%, 97%
CMY	0.2353, 0.3255, 0.0274
CMYK	0.21, 0.31, 0.00, 0.03
HSL	258°, 84%, 82%
HSV	258°, 31%, 97%
XYZ	54.2015, 47.8845, 95.1928
YIQ	187.5410, -10.6880, 28.5120

Conversions

Conversions Part 2

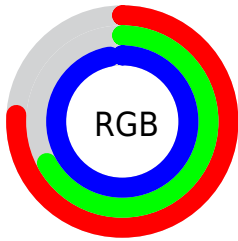
Format	Color
R _Y B	195, 172, 248
Decimal	12823800
CIE Lab	74.75, 23.46, -34.77
CIE LCh	75, 41.944, 304.005
Yxy	47.8845, 0.2747, 0.2427
Android (android.graphics.Color)	4291013880 (0xFFC3ACF8)
YUV	187.5410, 29.8063, 6.5415
Hunter-Lab	69.1986, 18.7168, -33.1230

Details

The XYZ color **54.2015, 47.8845, 95.1928** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.0665, 86.1220, 51.8567**, and the grayscale version is **47.3821, 49.8497, 54.2863**.

A 20% lighter version of the original color is **85.6640, 82.8536, 106.0851**, and **26.9357, 22.7700, 52.2656** is the 20% darker color. If you saturate the color by 10%, you get **45.7020, 37.1388, 93.5674**, and if you desaturate by 10%, it is **64.1025, 60.6623, 97.1381**.

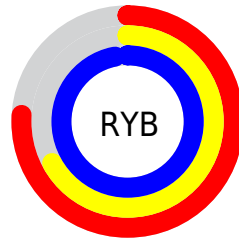
Distribution



Red (76%)

Green (67%)

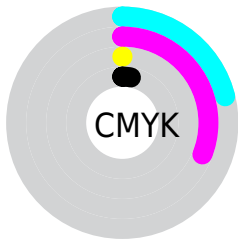
Blue (97%)



Red (76%)

Yellow (67%)

Blue (97%)

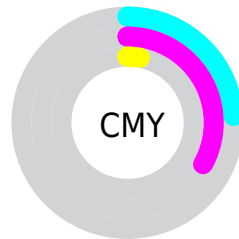


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2015, 47.8845, 95.1928 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 54.2015, 47.8845, 95.1928 by changing the saturation by 10% instead.

■ 54.2015, 47.8845,
95.1928

■ 54.2015, 47.8845,
95.1928

393.0638,
378.3341, 565.7821

■ 38.9941, 33.7354,
71.6977

■ 95.5252, 87.0324,
156.5288

■ 26.9358, 22.6904,
52.4264

122.3722,
112.8000, 195.2068

■ 17.6614, 14.3651,
36.9605

153.8298,
143.2093, 239.7828

■ 10.8054, 8.3750,
24.8814

190.2633,
178.6446, 290.6753

■ 6.0024, 4.3358,
15.7705

232.0381,
219.4904, 348.3030

■ 2.8872, 1.8631,
9.2093

279.5195,

■ 1.0944, 0.5261,

266.1309, 413.0843

4.7793

333.0730,
318.9507, 485.4379

■ 0.0204, 0.0000,
2.0619

■ 0.0000, 0.0000,
0.5929

■ 54.2015, 47.8845,
95.1928

■ 54.2015, 47.8845,
95.1928

■ 45.7020, 37.1388,
93.5674

■ 64.1025, 60.6623,
97.1381

■ 38.5326, 28.3120,
92.2416

■ 75.4622, 75.5656,
99.4160

■ 32.6223, 21.2889,
91.1975

■ 88.3404, 92.6889,
102.0424

■ 27.8912, 15.9389,
90.4142

■ 93.9434, 99.5574,
103.0728

■ 24.2493, 12.1129,
89.8676

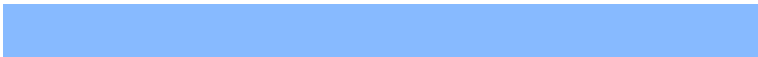
■ 21.5913, 9.6343,
89.5293

■ 19.8491, 8.2753,
89.3588

Harmonies

Analogous

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



46.5431, 47.8845, 106.1463



54.2015, 47.8845, 95.1928



59.9810, 47.8845, 72.7587

Triad

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



54.2015, 47.8845, 95.1928



52.2358, 47.8845, 22.8022



32.4146, 47.8845, 55.1219

Complementary

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



54.2015, 47.8845, 95.1928



72.0665, 86.1220, 51.8567

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.



33.5810, 47.8845, 35.8356



54.2015, 47.8845, 95.1928



44.4978, 47.8845, 20.4994

Square

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



54.2015, 47.8845, 95.1928



58.7602, 47.8845, 32.0284



37.8061, 47.8845, 24.5315



34.4230, 47.8845, 79.2788

Rectangle

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



54.2015, 47.8845, 95.1928



61.6810, 47.8845, 56.6408



37.8061, 47.8845, 24.5315



32.4500, 47.8845, 47.8806

Sweetspot

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



54.2031, 47.8864, 95.1939



82.5157, 83.3113, 106.3394



60.9374, 69.5081, 99.0124



17.2549, 17.2938, 22.6786



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.



54.2031, 47.8864, 95.1939



51.7704, 43.4324, 100.2624



65.2362, 53.5742, 95.7102



16.7769, 16.8976, 21.7626



10.8461, 4.5341, 48.2771



1.1070, 0.4728, 4.4761

Inverse Universe

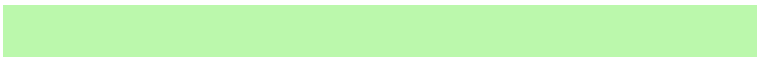
The Inverse Universe completely reimagines the original color for something new.



67.0559, 54.8996, 78.2982



67.7127, 52.1431, 78.7694



61.5578, 80.7046, 51.3649



17.7562, 17.4298, 20.5719



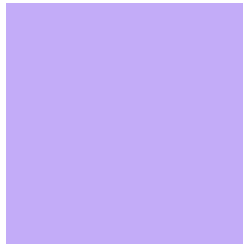
25.0491, 12.4353, 22.7645



2.3670, 1.1705, 2.3559

Previews

White Background



This preview shows how the XYZ color 54.2015, 47.8845, 95.1928 looks on a white background.

Color Contrast Check

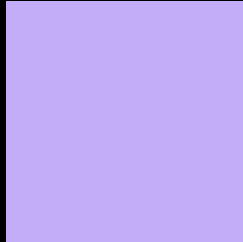
Large Text (above 18pt) WCAG AA × Fail

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 54.2015, 47.8845, 95.1928 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 54.2015, 47.8845, 95.1928

Background



This preview shows how black text looks on a background with the XYZ color 54.2015, 47.8845, 95.1928.



This preview shows how white text looks on a background with the XYZ color 54.2015, 47.8845,

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

54.2015, 47.8845, 95.1928

Protanopia

49.4742, 47.9491, 101.2553

Deuteranopia

49.0948, 47.9171, 93.8501



Tritanopia

46.9415, 47.8805, 58.9923

Trichromacy



Original Color

54.2015, 47.8845, 95.1928

Protanomaly

50.9466, 47.8677, 98.6497

Deuteranomaly

50.8404, 47.9033, 94.5624

Tritanomaly

49.1724, 47.5659, 70.8795

Monochromacy



Original Color

54.2015, 47.8845, 95.1928

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.8467, 49.1854, 67.8393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2015, 47.8845, 95.1928 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(195, 172, 248)` looks like.

```
.text, #text, p{  
    color:rgb(195, 172, 248)  
}
```

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(195, 172, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 172, 248) }
```

Border

The CSS property to change the border of an element to XYZ 54.2015, 47.8845, 95.1928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

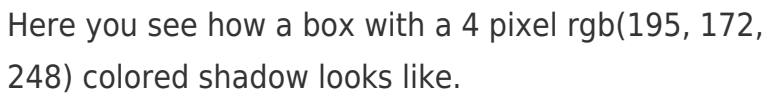
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 172, 248) }
```


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

```
.border{ border-color:rgb(195, 172, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 172, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 172, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 172, 248); box-shadow:4px 4px 4px 4px rgb(195, 172, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2015, 47.8845, 95.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 172, 248) }
```

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

```
.background{ background-color: rgb(195,  
172, 248) }
```

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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