

Converting Colors

XYZ(51.3537, 43.4329, 92.3432)

Have a look what the booklet for
XYZ(51.3537, 43.4329, 92.3432)
contains.

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Color

**XYZ(51.2186, 43.4198,
92.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A1F5
RGB	193, 161, 245
RGB Percent	76%, 63%, 96%
CMY	0.2431, 0.3686, 0.0392
CMYK	0.21, 0.34, 0.00, 0.04
HSL	263°, 81%, 80%
HSV	263°, 34%, 96%
XYZ	51.2186, 43.4198, 92.0675
YIQ	180.1440, -7.8920, 32.9080

Conversions

Conversions Part 2

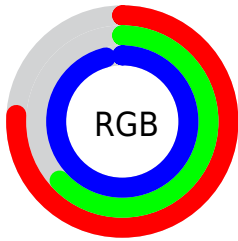
Format	Color
RYB	193, 161, 245
Decimal	12689909
CIELab	71.84, 28.26, -37.68
CIELCh	72, 47.100, 306.876
Yxy	43.4198, 0.2743, 0.2326
Android (android.graphics.Color)	4290879989 (0xFFC1A1F5)
YUV	180.1440, 31.9740, 11.2747
Hunter-Lab	65.8937, 23.4325, -36.7151

Details

The XYZ color **51.2186, 43.4198, 92.0675** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.5273, 82.0252, 46.0461**, and the grayscale version is **43.2978, 45.5526, 49.6068**.

A 20% lighter version of the original color is **82.3895, 76.8410, 105.0971**, and **25.0270, 19.9714, 50.1128** is the 20% darker color. If you saturate the color by 10%, you get **43.6793, 33.7888, 90.6066**, and if you desaturate by 10%, it is **59.9962, 54.9363, 93.8285**.

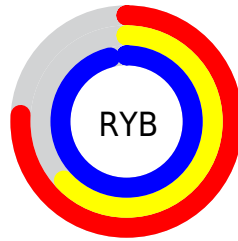
Distribution



Red (76%)

Green (63%)

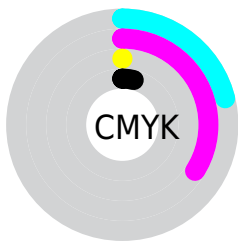
Blue (96%)



Red (76%)

Yellow (63%)

Blue (96%)

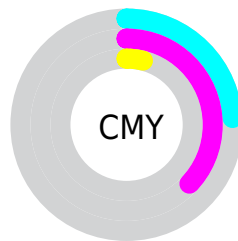


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (24%)


Magenta (37%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2186, 43.4198, 92.0675 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 51.2186, 43.4198, 92.0675 by changing the saturation by 10% instead.


 51.2186, 43.4198,
92.0675


 51.2186, 43.4198,
92.0675


381.7862,
360.3354, 555.4763

 36.6044, 30.2146,
69.1134


 91.1589, 80.3440,
152.1674

 25.0736, 20.0016,
50.3317


 117.2156,
104.8318, 190.1503

 16.2609, 12.3962,
35.3040


147.8173,
133.8492, 233.9799

 9.8010, 7.0141,
23.6117

183.3292,
167.7808, 284.0746

 5.3285, 3.4709,
14.8363

224.1166,
207.0107, 340.8531

 2.4780, 1.3822,
8.5592

270.5451,

 0.8842, 0.2036,

251.9236, 404.7338

4.3620

322.9798,
302.9036, 476.1354

■ 0.0000, 0.0000,
1.8259

■ 0.0000, 0.0000,
0.4450

■ 51.2186, 43.4198,
92.0675

■ 51.2186, 43.4198,
92.0675

■ 43.6793, 33.7888,
90.6066

■ 59.9962, 54.9363,
93.8285

■ 37.3127, 25.9334,
89.4259

■ 70.0643, 68.4293,
95.9023

■ 32.0536, 19.7404,
88.5078

■ 81.4771, 83.9901,
98.3043

■ 27.8275, 15.0807,
87.8311

■ 92.9938, 99.1212,
100.6179

■ 24.5497, 11.8049,
87.3715

■ 93.4816, 99.3726,
100.6407

■ 22.1183, 9.7317,
87.0995

■ 21.0295, 8.9372,
87.0036

Harmonies

Analogous

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



43.1407, 43.4198, 105.9818



51.2186, 43.4198, 92.0675



57.1157, 43.4198, 66.8015

Triad

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



51.2186, 43.4198, 92.0675



47.6182, 43.4198, 17.2075



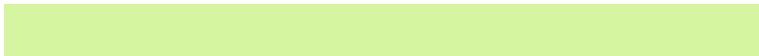
27.7891, 43.4198, 52.7565

Complementary

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



51.2186, 43.4198, 92.0675



66.5273, 82.0252, 46.0461

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.



28.6636, 43.4198, 31.9836



51.2186, 43.4198, 92.0675



39.4527, 43.4198, 15.6145

Square

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



51.2186, 43.4198, 92.0675



54.8563, 43.4198, 25.4401



32.6997, 43.4198, 20.0423



30.1342, 43.4198, 78.9931

Rectangle

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



51.2186, 43.4198, 92.0675



58.6374, 43.4198, 49.7217



32.6997, 43.4198, 20.0423



27.7216, 43.4198, 44.9133

Sweetspot

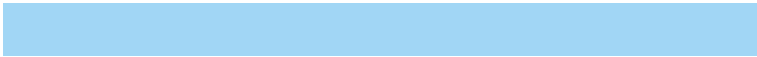
The Sweet Spot groups the original color and five complimentary colors.



51.2201, 43.4215, 92.0685



81.8768, 81.9238, 106.1052



55.2780, 62.3656, 95.5112



17.1548, 17.0315, 22.6332



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.



51.2201, 43.4215, 92.0685



50.3331, 40.1596, 99.7065



63.0936, 49.5426, 92.6242



16.1779, 16.2343, 20.8234



11.4711, 4.8879, 46.8769



1.1188, 0.4866, 4.1252

Inverse Universe

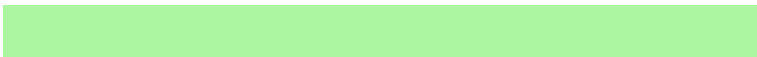
The Inverse Universe completely reimagines the original color for something new.



62.4126, 49.7080, 69.2574



64.5061, 48.1317, 70.2962



56.1440, 76.6724, 45.5602



16.9304, 16.6550, 19.3802



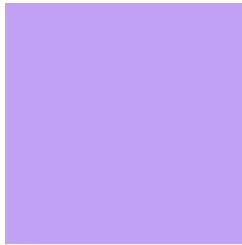
23.3943, 11.7012, 17.3165



2.1061, 1.0484, 1.7851

Previews

White Background



This preview shows how the XYZ color 51.2186, 43.4198, 92.0675 looks on a white background.

Color Contrast Check

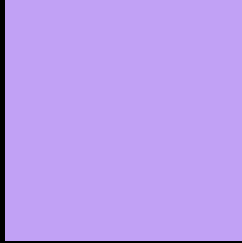
Large Text (above 18pt) WCAG AA × Fail

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 51.2186, 43.4198, 92.0675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

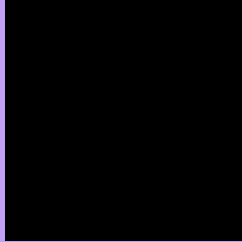
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2186, 43.4198, 92.0675

Background



This preview shows how black text looks on a background with the XYZ color 51.2186, 43.4198, 92.0675.



This preview shows how white text looks on a background with the XYZ color 51.2186, 43.4198,

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

51.2186, 43.4198, 92.0675

Protanopia

45.5712, 43.5912, 100.6198

Deuteranopia

44.6806, 43.6515, 90.0751



Tritanopia

43.3349, 43.4996, 52.5666

Trichromacy



Original Color

51.2186, 43.4198, 92.0675

Protanomaly

47.3264, 43.4480, 97.1587

Deuteranomaly

46.7278, 43.2820, 90.6855

Tritanomaly

45.9440, 43.4457, 64.9958

Monochromacy



Original Color

51.2186, 43.4198, 92.0675

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.8502, 44.5611, 63.3113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2186, 43.4198, 92.0675 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(193, 161, 245)` looks like.

```
.text, #text, p{  
    color:rgb(193, 161, 245)  
}
```

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(193, 161, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 161, 245) }
```

Border

The CSS property to change the border of an element to XYZ 51.2186, 43.4198, 92.0675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

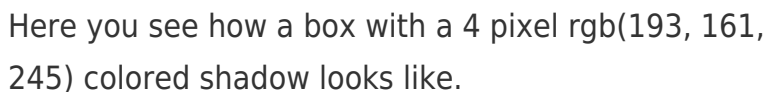
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 161, 245) }
```


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

```
.border{ border-color:rgb(193, 161, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 161, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 161, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 161, 245); box-shadow:4px 4px 4px 4px rgb(193, 161, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2186, 43.4198, 92.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 161, 245) }
```

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

```
.background{ background-color: rgb(193,  
161, 245) }
```

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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