

Converting Colors

XYZ(51.3716, 43.9862, 93.7783)

Have a look what the booklet for
XYZ(51.3716, 43.9862, 93.7783)
contains.

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Color

**XYZ(51.3716, 43.9862,
93.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA3F7
RGB	191, 163, 247
RGB Percent	75%, 64%, 97%
CMY	0.2510, 0.3608, 0.0314
CMYK	0.23, 0.34, 0.00, 0.03
HSL	260°, 84%, 80%
HSV	260°, 34%, 97%
XYZ	51.3716, 43.9862, 93.7783
YIQ	180.9480, -10.2760, 32.0600

Conversions

Conversions Part 2

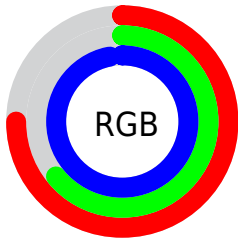
Format	Color
RYB	191, 163, 247
Decimal	12559351
CIELab	72.22, 27.03, -38.19
CIElCh	72, 46.784, 305.292
Yxy	43.9862, 0.2716, 0.2326
Android (android.graphics.Color)	4290749431 (0xFFBFA3F7)
YUV	180.9480, 32.5636, 8.8156
Hunter-Lab	66.3221, 22.1984, -37.4096

Details

The XYZ color **51.3716, 43.9862, 93.7783** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.0862, 84.2269, 47.2683**, and the grayscale version is **43.7279, 46.0051, 50.0996**.

A 20% lighter version of the original color is **81.8328, 77.3193, 105.2188**, and **25.1320, 20.3208, 51.3129** is the 20% darker color. If you saturate the color by 10%, you get **43.4960, 34.0401, 92.2743**, and if you desaturate by 10%, it is **60.5722, 55.8887, 95.5915**.

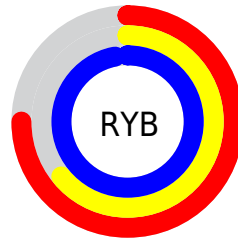
Distribution



Red (75%)

Green (64%)

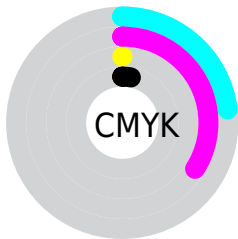
Blue (97%)



Red (75%)

Yellow (64%)

Blue (97%)

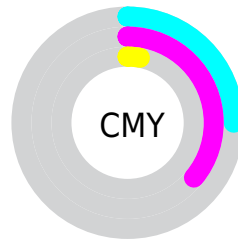


Cyan (23%)

Magenta (34%)

Yellow (0%)

Black (3%)



Cyan (25%)


Magenta (36%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3716, 43.9862, 93.7783 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 51.3716, 43.9862, 93.7783 by changing the saturation by 10% instead.


 51.3716, 43.9862,
93.7783


 51.3716, 43.9862,
93.7783


382.3697,
362.6520, 561.1305

 36.7267, 30.6597,
70.5273


 91.3835, 81.1970,
154.5567

 25.1686, 20.3398,
51.4771


 117.4813,
105.8500, 192.9212

 16.3321, 12.6423,
36.2091


148.1273,
135.0473, 237.1607

 9.8518, 7.1827,
24.3047

183.6870,
169.1733, 287.6935

 5.3623, 3.5766,
15.3455

224.5258,
208.6124, 344.9384

 2.4983, 1.4397,
8.9129

271.0089,

 0.8944, 0.2457,

253.7489, 409.3139

4.5884

323.5018,
304.9673, 481.2384

■ 0.0000, 0.0000,
1.9534

■ 0.0000, 0.0000,
0.5264

■ 51.3716, 43.9862,
93.7783

■ 51.3716, 43.9862,
93.7783

■ 43.4960, 34.0401,
92.2743

■ 60.5722, 55.8887,
95.5915

■ 36.8756, 25.9370,
91.0592

■ 71.1540, 69.8418,
97.7270

■ 31.4403, 19.5599,
90.1148

■ 83.1752, 85.9400,
100.2007

■ 27.1109, 14.7755,
89.4195

■ 93.7886, 99.4955,
102.2578

■ 23.7969, 11.4301,
88.9484

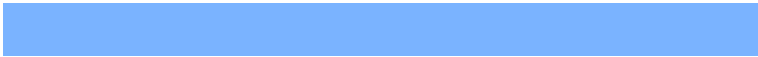
■ 21.3906, 9.3373,
88.6713

■ 20.2974, 8.5243,
88.5720

Harmonies

Analogous

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



43.2471, 43.9862, 106.7518



51.3716, 43.9862, 93.7783



57.4512, 43.9862, 68.8424

Triad

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



51.3716, 43.9862, 93.7783



48.5949, 43.9862, 17.9192



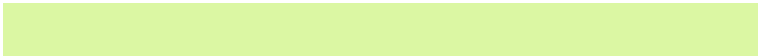
28.2478, 43.9862, 52.0866

Complementary

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



51.3716, 43.9862, 93.7783



69.0862, 84.2269, 47.2683

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.



29.2976, 43.9862, 31.6944



51.3716, 43.9862, 93.7783



40.4003, 43.9862, 15.9900

Square

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



51.3716, 43.9862, 93.7783



55.7097, 43.9862, 26.6293



33.5110, 43.9862, 20.1202



30.4350, 43.9862, 78.2323

Rectangle

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



51.3716, 43.9862, 93.7783



59.1494, 43.9862, 51.6127



33.5110, 43.9862, 20.1202



28.2372, 43.9862, 44.3574

Sweetspot

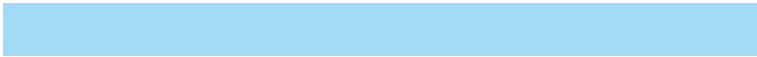
The Sweet Spot groups the original color and five complimentary colors.



51.3731, 43.9880, 93.7793



81.4678, 81.7129, 106.0861



57.2257, 65.1664, 97.5587



17.0562, 16.9806, 22.6286



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.



51.3731, 43.9880, 93.7793



49.1084, 39.5282, 99.6492



63.4913, 50.2351, 94.3464



16.1016, 16.1950, 20.8199



10.8686, 4.5773, 46.8487



1.0598, 0.4562, 4.1224

Inverse Universe

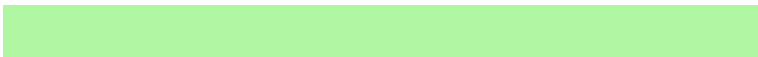
The Inverse Universe completely reimagines the original color for something new.



64.2424, 51.0846, 73.4935



65.1564, 48.3918, 73.7207



58.0045, 78.5141, 46.7497



16.9651, 16.6689, 19.5627



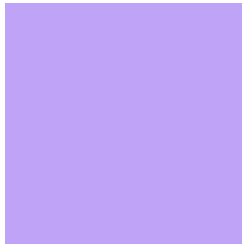
23.9306, 11.9157, 20.1406



2.1508, 1.0663, 2.0206

Previews

White Background



This preview shows how the XYZ color 51.3716, 43.9862, 93.7783 looks on a white background.

Color Contrast Check

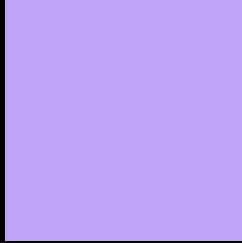
Large Text (above 18pt) WCAG AA × Fail

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 51.3716, 43.9862, 93.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

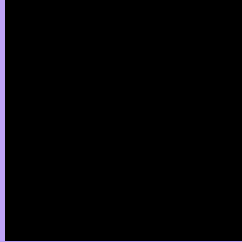
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3716, 43.9862, 93.7783

Background



This preview shows how black text looks on a background with the XYZ color 51.3716, 43.9862, 93.7783.



This preview shows how white text looks on a background with the XYZ color 51.3716, 43.9862,

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

51.3716, 43.9862, 93.7783

Protanopia

45.9486, 44.0714, 100.6926

Deuteranopia

45.3290, 44.2211, 92.5326



Tritanopia

43.3377, 44.0374, 54.3600

Trichromacy



Original Color

51.3716, 43.9862, 93.7783

Protanomaly

47.6713, 43.8847, 98.0535

Deuteranomaly

47.3459, 44.1045, 93.2064

Tritanomaly

45.9629, 43.9693, 67.0372

Monochromacy



Original Color

51.3716, 43.9862, 93.7783

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.1631, 44.9942, 64.0093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3716, 43.9862, 93.7783 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(191, 163, 247)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 247)  
}
```

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(191, 163, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 247) }
```

Border

The CSS property to change the border of an element to XYZ 51.3716, 43.9862, 93.7783 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(191, 163, 247) }
```


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

```
.border{ border-color:rgb(191, 163, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 163, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 163, 247);  
box-shadow:4px 4px 4px 4px rgb(191, 163,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3716, 43.9862, 93.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 247) }
```

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

```
.background{ background-color: rgb(191,  
163, 247) }
```

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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