

Converting Colors

XYZ(50.9295, 41.0768, 99.8265)

Have a look what the booklet for
XYZ(50.9295, 41.0768, 99.8265)
contains.

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Color

**XYZ(50.9271, 41.0788,
99.8526)**

Conversions

Conversions Part 1

Format	Color
Hex	BF99FF
RGB	191, 153, 255
RGB Percent	75%, 60%, 100%
CMY	0.2510, 0.4000, 0.0000
CMYK	0.25, 0.40, 0.00, 0.00
HSL	262°, 100%, 80%
HSV	262°, 40%, 100%
XYZ	50.9271, 41.0788, 99.8526
YIQ	175.9900, -10.0940, 39.7780

Conversions

Conversions Part 2

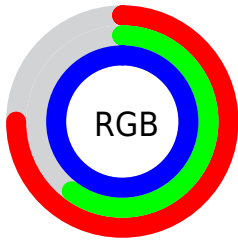
Format	Color
RYB	191, 153, 255
Decimal	12556799
CIELab	70.23, 34.42, -45.64
CIELCh	70, 57.162, 307.025
Yxy	41.0788, 0.2654, 0.2141
Android (android.graphics.Color)	4290746879 (0xFFBF99FF)
YUV	175.9900, 38.9519, 13.1638
Hunter-Lab	64.0927, 29.6710, -47.5053

Details

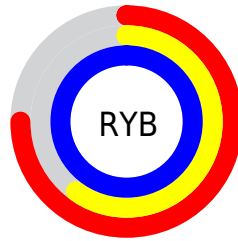
The XYZ color **50.9271, 41.0788, 99.8526** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.1254, 88.5718, 43.5385**, and the grayscale version is **41.0701, 43.2089, 47.0545**.

A 20% lighter version of the original color is **79.6728, 72.4715, 104.3969**, and **24.8384, 18.5355, 55.6947** is the 20% darker color. If you saturate the color by 10%, you get **43.3845, 31.6435, 98.4289**, and if you desaturate by 10%, it is **59.8037, 52.5273, 101.5945**.

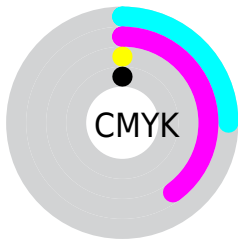
Distribution



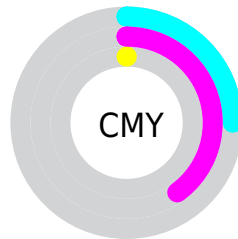
- Red (75%)
- Green (60%)
- Blue (100%)



- Red (75%)
- Yellow (60%)
- Blue (100%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9271, 41.0788, 99.8526 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 50.9271, 41.0788, 99.8526 by changing the saturation by 10% instead.

50.9271, 41.0788,
99.8526

50.9271, 41.0788,
99.8526

380.6728,
350.6499, 580.9626

36.3714, 28.3807,
75.5612

90.7306, 76.8035,
163.0047

24.8926, 18.6128,
55.5683

116.7092,
100.5989, 202.7026

16.1254, 11.3908,
39.4552

147.2261,
128.8621, 248.3730

9.7043, 6.3304,
26.8035

182.6466,
161.9775, 300.4345

5.2641, 3.0470,
17.1946

223.3362,
200.3297, 359.3057

2.4394, 1.1563,
10.2099

269.6602,

0.8648, 0.0256,

244.3028, 425.4051

5.4309

321.9840,
294.2814, 499.1512

■ 0.0000, 0.0000,
2.4391

■ 0.0000, 0.0000,
0.8076

■ 50.9271, 41.0788,
99.8526

■ 50.9271, 41.0788,
99.8526

■ 43.3845, 31.6435,
98.4289

■ 59.8037, 52.5273,
101.5945

■ 37.1005, 24.0947,
97.3031

■ 70.0759, 66.0957,
103.6721

■ 31.9977, 18.2985,
96.4532

■ 81.8062, 81.8887,
106.1022

■ 27.9870, 14.1003,
95.8543

95.0500, 100.0000,
108.9000

■ 24.9646, 11.3168,
95.4763

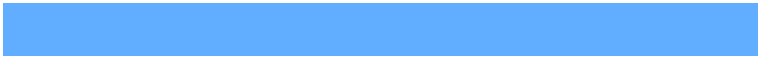
■ 22.7699, 9.6532,
95.2709

■ 22.7696, 9.6530,
95.2709

Harmonies

Analogous

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



41.2891, 41.0788, 117.9548



50.9271, 41.0788, 99.8526



58.0883, 41.0788, 68.0380

Triad

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



50.9271, 41.0788, 99.8526



46.5060, 41.0788, 12.0592



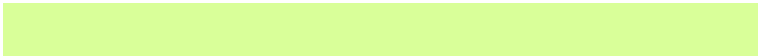
23.7556, 41.0788, 51.3391

Complementary

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



50.9271, 41.0788, 99.8526



70.1254, 88.5718, 43.5385

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.



24.6967, 41.0788, 27.4616



50.9271, 41.0788, 99.8526



36.8821, 41.0788, 10.5781

Square

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



50.9271, 41.0788, 99.8526



55.2640, 41.0788, 20.2991



29.1703, 41.0788, 14.8889



26.3560, 41.0788, 83.5413

Rectangle

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



50.9271, 41.0788, 99.8526



59.9381, 41.0788, 47.4589



29.1703, 41.0788, 14.8889



23.6760, 41.0788, 42.1036

Sweetspot

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



50.9285, 41.0804, 99.8528



79.3391, 78.5453, 105.5869



56.1556, 63.9289, 103.9875



16.6441, 16.3555, 22.5296



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.



50.9285, 41.0804, 99.8528



44.7892, 33.3745, 98.6890



65.8543, 48.7749, 100.5513



17.6423, 17.7073, 22.7380



12.0486, 5.1217, 49.7882



1.2891, 0.5585, 4.8531

Inverse Universe

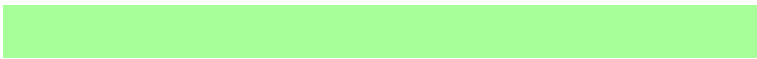
The Inverse Universe completely reimagines the original color for something new.



65.1562, 49.0533, 71.6799



61.1309, 42.5490, 65.5715



57.3626, 81.9923, 42.9412



18.4888, 18.1788, 21.1913



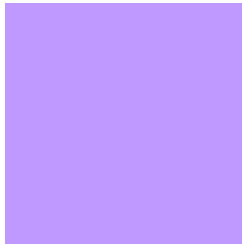
24.9388, 12.4648, 18.8602



2.4811, 1.2348, 2.1150

Previews

White Background



This preview shows how the XYZ color 50.9271, 41.0788, 99.8526 looks on a white background.

Color Contrast Check

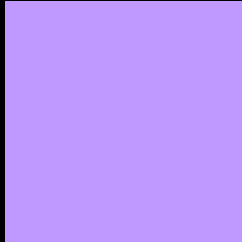
Large Text (above 18pt) WCAG AA × Fail

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 50.9271, 41.0788, 99.8526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

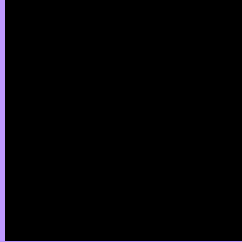
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9271, 41.0788, 99.8526

Background



This preview shows how black text looks on a background with the XYZ color 50.9271, 41.0788, 99.8526.



This preview shows how white text looks on a background with the XYZ color 50.9271, 41.0788,

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

50.9271, 41.0788, 99.8526

Protanopia

43.3933, 41.3467, 100.3014

Deuteranopia

42.4567, 41.4941, 97.0382



Tritanopia

40.9916, 41.2183, 50.0514

Trichromacy



Original Color

50.9271, 41.0788, 99.8526



Protanomaly

45.6444, 40.8880, 100.0942



Deuteranomaly

44.7508, 40.7473, 97.6019

Tritanomaly

44.1343, 40.8651, 65.8832

Monochromacy



Original Color

50.9271, 41.0788, 99.8526



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.0781, 42.2368, 63.5870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9271, 41.0788, 99.8526 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, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 255)  
}
```

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, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.9271, 41.0788, 99.8526 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, 153, 255) }
```


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

```
.border{ border-color:rgb(191, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 153, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 153, 255); box-shadow:4px 4px 4px 4px rgb(191, 153, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9271, 41.0788, 99.8526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 255) }
```

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

```
.background{ background-color: rgb(191,  
153, 255) }
```

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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