

Converting Colors

XYZ(56.1281, 47.3531,
119.5305)

Have a look what the booklet for
XYZ(56.1281, 47.3531, 119.5305)
contains.

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Color

**XYZ(52.5461, 45.7901,
100.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA8FF
RGB	187, 168, 255
RGB Percent	73%, 66%, 100%
CMY	0.2667, 0.3412, 0.0000
CMYK	0.27, 0.34, 0.00, 0.00
HSL	253°, 100%, 83%
HSV	253°, 34%, 100%
XYZ	52.5461, 45.7901, 100.6766
YIQ	183.5990, -16.6030, 31.0850

Conversions

Conversions Part 2

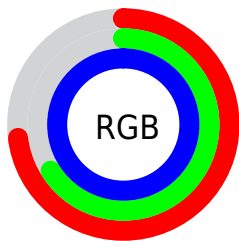
Format	Color
RYB	187, 168, 255
Decimal	12298495
CIELab	73.41, 24.98, -40.69
CIELCh	73, 47.747, 301.547
Yxy	45.7901, 0.2640, 0.2301
Android (android.graphics.Color)	4290488575 (0xFFBBA8FF)
YUV	183.5990, 35.2007, 2.9827
Hunter-Lab	67.6684, 20.1898, -40.8434

Details

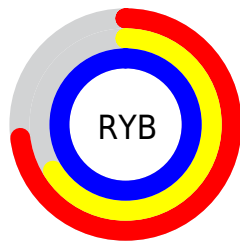
The XYZ color **52.5461, 45.7901, 100.6766** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.4206, 92.1803, 50.7597**, and the grayscale version is **45.1591, 47.5108, 51.7393**.

A 20% lighter version of the original color is **82.0939, 79.4078, 105.6082**, and **25.9542, 21.4735, 56.2030** is the 20% darker color. If you saturate the color by 10%, you get **43.7497, 34.9396, 99.0459**, and if you desaturate by 10%, it is **62.9452, 58.8390, 102.6472**.

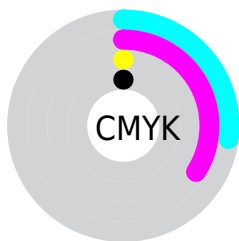
Distribution



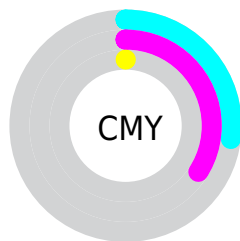
- Red (73%)
- Green (66%)
- Blue (100%)



- Red (73%)
- Yellow (66%)
- Blue (100%)



- Cyan (27%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5461, 45.7901, 100.6766 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 52.5461, 45.7901, 100.6766 by changing the saturation by 10% instead.

52.5461, 45.7901,
100.6766

52.5461, 45.7901,
100.6766

386.8307,
369.9641, 583.6249

37.6666, 32.0802,
76.2457

93.1056, 83.9048,
164.1467

25.9000, 21.4228,
56.1261

119.5163,
109.0784, 204.0229

16.8812, 13.4334,
39.8994

150.5014,
138.8420, 249.8846

10.2446, 7.7277,
27.1469

186.4262,
173.5800, 302.1504

5.6249, 3.9212,
17.4502

227.6563,
213.6768, 361.2388

2.6569, 1.6296,
10.3906

274.5568,

0.9750, 0.3774,

259.5169, 427.5683

5.5497

327.4931,
311.4845, 501.5575

■ 0.0000, 0.0000,
2.5090

■ 0.0000, 0.0000,
0.8449

■ 52.5461, 45.7901,
100.6766

■ 52.5461, 45.7901,
100.6766

■ 43.7497, 34.9396,
99.0459

■ 62.9452, 58.8390,
102.6472

■ 36.4696, 26.1595,
97.7349

■ 75.0185, 74.1940,
104.9747

■ 30.6180, 19.3167,
96.7225

■ 88.8384, 91.9621,
107.6759

■ 26.0954, 14.2600,
95.9848

■ 95.0500, 100.0000,
108.9000

■ 22.7889, 10.8148,
95.4941

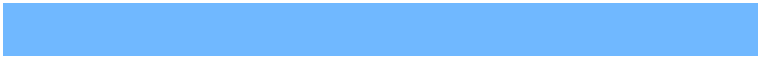
■ 20.5643, 8.7698,
95.2166

■ 19.6636, 8.0518,
95.1255

Harmonies

Analogous

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



43.9604, 45.7901, 111.9871



52.5461, 45.7901, 100.6766



59.3500, 45.7901, 75.3469

Triad

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



52.5461, 45.7901, 100.6766



51.6929, 45.7901, 19.2110



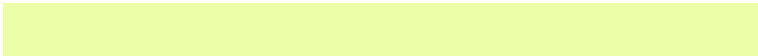
29.2717, 45.7901, 51.1192

Complementary

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



52.5461, 45.7901, 100.6766



77.4206, 92.1803, 50.7597

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.



30.7927, 45.7901, 30.8826



52.5461, 45.7901, 100.6766



43.0867, 45.7901, 16.4057

Square

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



52.5461, 45.7901, 100.6766



58.8144, 45.7901, 29.3346



35.5954, 45.7901, 19.8811



31.1408, 45.7901, 78.2367

Rectangle

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



52.5461, 45.7901, 100.6766



61.5636, 45.7901, 56.9821



35.5954, 45.7901, 19.8811



29.4023, 45.7901, 43.3532

Sweetspot

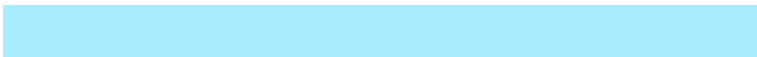
The Sweet Spot groups the original color and five complimentary colors.



52.5476, 45.7918, 100.6769



80.4916, 81.2096, 106.0404



64.2382, 75.6231, 105.8187



16.8213, 16.8596, 22.6176



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.



52.5476, 45.7918, 100.6769



46.3244, 38.0931, 99.5189



64.7993, 52.1078, 101.2503



17.3738, 17.5689, 22.7254



10.3769, 4.2599, 49.7099



1.0982, 0.4601, 4.8442

Inverse Universe

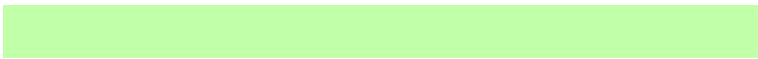
The Inverse Universe completely reimagines the original color for something new.



70.3838, 55.3229, 86.3264



66.8076, 49.0523, 82.4156



64.7321, 85.6392, 50.1659



18.6128, 18.2284, 21.8443



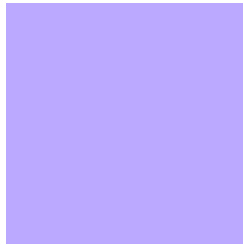
27.0123, 13.2942, 29.7787



2.6701, 1.3104, 3.1104

Previews

White Background



This preview shows how the XYZ color 52.5461, 45.7901, 100.6766 looks on a white background.

Color Contrast Check

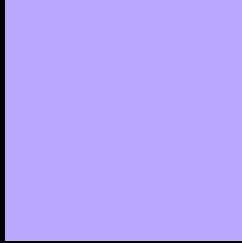
Large Text (above 18pt) WCAG AA × Fail

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 52.5461, 45.7901, 100.6766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

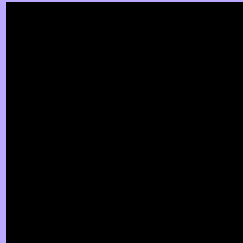
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5461, 45.7901, 100.6766

Background



This preview shows how black text looks on a background with the XYZ color 52.5461, 45.7901, 100.6766.



This preview shows how white text looks on a background with the XYZ color 52.5461, 45.7901,

100.6766.

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

52.5461, 45.7901, 100.6766

Protanopia

47.6807, 46.1287, 100.9984

Deuteranopia

47.1676, 45.9012, 99.3023



Tritanopia

43.7381, 45.6515, 57.5453

Trichromacy



Original Color

52.5461, 45.7901, 100.6766

Protanomaly

49.1224, 45.7076, 100.8412

Deuteranomaly

48.9618, 45.6434, 99.9954

Tritanomaly

46.5104, 45.5922, 71.3146

Monochromacy



Original Color

52.5461, 45.7901, 100.6766

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.5608, 46.8082, 67.5009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5461, 45.7901, 100.6766 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(187, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 168, 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(187, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 168, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.5461, 45.7901, 100.6766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

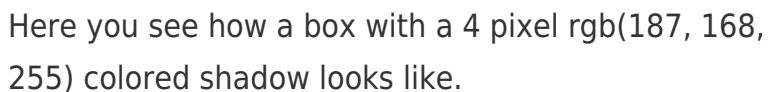
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 168, 255) }
```


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

```
.border{ border-color:rgb(187, 168, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 168, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 168, 255); box-shadow:4px 4px 4px 4px rgb(187, 168, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5461, 45.7901, 100.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 168, 255) }
```

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

```
.background{ background-color: rgb(187,  
168, 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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