

Converting Colors

XYZ(54.6509, 52.1731,
100.8974)

Have a look what the booklet for
XYZ(54.6509, 52.1731, 100.8974)
contains.

XYZ(54.7397, 52.2187, 100.9600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.7397, 52.2187,
100.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BAFE
RGB	182, 186, 254
RGB Percent	71%, 73%, 100%
CMY	0.2863, 0.2706, 0.0039
CMYK	0.28, 0.27, 0.00, 0.00
HSL	237°, 97%, 85%
HSV	237°, 28%, 100%
XYZ	54.7397, 52.2187, 100.9600
YIQ	192.5560, -24.2120, 20.3000

Conversions

Conversions Part 2

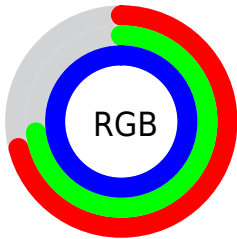
Format	Color
R _Y B	182, 186, 254
Decimal	11975422
CIE Lab	77.41, 13.36, -33.97
CIE LCh	77, 36.506, 291.472
Yxy	52.2187, 0.2633, 0.2511
Android (android.graphics.Color)	4290165502 (0xFFB6BAFE)
YUV	192.5560, 30.2919, -9.2576
Hunter-Lab	72.2625, 8.7565, -32.2520

Details

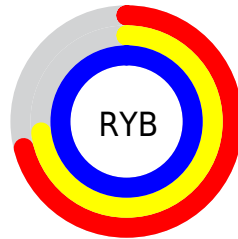
The XYZ color **54.7397, 52.2187, 100.9600** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.5030, 92.8200, 57.7727**, and the grayscale version is **50.2678, 52.8857, 57.5925**.

A 20% lighter version of the original color is **85.3987, 89.0750, 107.2999**, and **27.2180, 25.3183, 56.2757** is the 20% darker color. If you saturate the color by 10%, you get **44.6399, 40.1301, 99.1599**, and if you desaturate by 10%, it is **66.7793, 66.5689, 103.0962**.

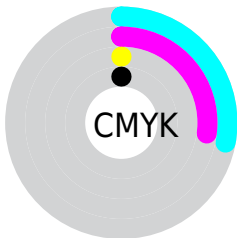
Distribution



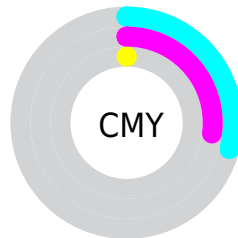
- Red (71%)
- Green (73%)
- Blue (100%)



- Red (71%)
- Yellow (73%)
- Blue (100%)



- Cyan (28%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7397, 52.2187, 100.9600 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 54.7397, 52.2187, 100.9600 by changing the saturation by 10% instead.

■ 54.7397, 52.2187,
100.9600

■ 54.7397, 52.2187,
100.9600

■ 395.0769,
395.2803, 584.5391

■ 39.4264, 37.1794,
76.4812

■ 96.3100, 93.4537,
164.5392

■ 27.2738, 25.3464,
56.3181

■ 123.2977,
120.4182, 204.4766

■ 17.9166, 16.3354,
40.0523

■ 154.9076,
152.1266, 250.4040

■ 10.9895, 9.7618,
27.2653

■ 191.5050,
188.9632, 302.7399

■ 6.1270, 5.2413,
17.5383

■ 233.4553,
231.3125, 361.9028

■ 2.9638, 2.3895,
10.4531

■ 281.1238,

■ 1.1347, 0.8205,

279.5589, 428.3113

5.5909

334.8759,
334.0867, 502.3839

■ 0.0538, 0.0000,
2.5332

■ 0.0000, 0.0000,
0.8577

■ 54.7397, 52.2187,
100.9600

■ 54.7397, 52.2187,
100.9600

■ 44.6399, 40.1301,
99.1599

■ 66.7793, 66.5689,
103.0962

■ 36.3734, 30.1819,
97.6754

■ 80.8472, 83.2814,
105.5806

■ 29.8316, 22.2511,
96.4894

94.8896, 99.9358,
108.0551

■ 24.8922, 16.1995,
95.5816

■ 21.4170, 11.8716,
94.9294

■ 19.2440, 9.0869,
94.5065

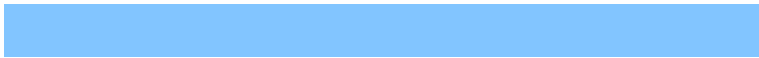
■ 18.1598, 7.6182,
94.2801

■ 18.0481, 7.4730,
94.2580

Harmonies

Analogous

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



47.6571, 52.2187, 104.3041



54.7397, 52.2187, 100.9600



60.9602, 52.2187, 84.5008

Triad

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



54.7397, 52.2187, 100.9600



58.5253, 52.2187, 31.6575



37.4429, 52.2187, 51.3143

Complementary

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



54.7397, 52.2187, 100.9600



83.5030, 92.8200, 57.7727

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.



39.8026, 52.2187, 36.0144



54.7397, 52.2187, 100.9600



51.6613, 52.2187, 26.5523

Square

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



54.7397, 52.2187, 100.9600



63.2852, 52.2187, 43.8467



44.8529, 52.2187, 27.9334



38.0994, 52.2187, 72.2163

Rectangle

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



54.7397, 52.2187, 100.9600



63.5645, 52.2187, 70.0495



44.8529, 52.2187, 27.9334



37.9009, 52.2187, 45.4350

Sweetspot

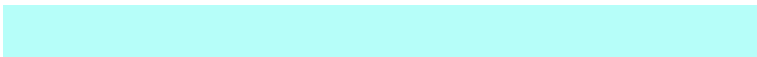
The Sweet Spot groups the original color and five complimentary colors.



54.7414, 52.2208, 100.9612



80.5760, 82.8463, 106.3519



71.8646, 87.6819, 102.9237



16.7808, 17.1798, 22.6815



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.



54.7414, 52.2208, 100.9612



49.2285, 45.5101, 100.7974



62.1174, 54.7894, 101.0683



17.0840, 17.5396, 22.7350



9.5470, 4.0035, 49.7042



0.9568, 0.4442, 4.8486

Inverse Universe

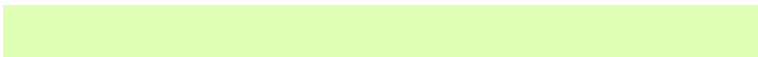
The Inverse Universe completely reimagines the original color for something new.



66.4654, 58.0736, 54.1628



62.8523, 52.3979, 46.3960



74.2564, 89.9183, 57.7000



18.0503, 18.0034, 18.8820



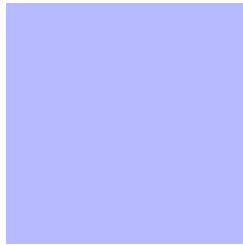
21.6071, 11.1321, 1.3153



2.1175, 1.0894, 0.2004

Previews

White Background



This preview shows how the XYZ color 54.7397, 52.2187, 100.9600 looks on a white background.

Color Contrast Check

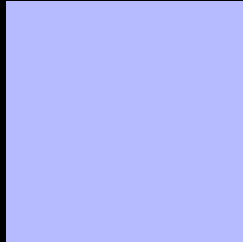
Large Text (above 18pt) WCAG AA × Fail

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 54.7397, 52.2187, 100.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

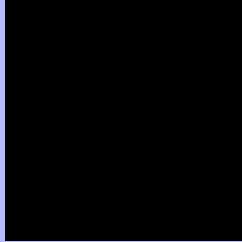
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7397, 52.2187, 100.9600

Background



This preview shows how black text looks on a background with the XYZ color 54.7397, 52.2187, 100.9600.

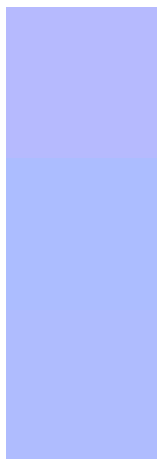


This preview shows how white text looks on a background with the XYZ color 54.7397, 52.2187,

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

54.7397, 52.2187, 100.9600

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.5518, 52.2362, 101.0260



Tritanopia

48.1582, 52.1210, 68.4949

Trichromacy



Original Color

54.7397, 52.2187, 100.9600

Protanomaly

53.9377, 52.4165, 101.8823

Deuteranomaly

54.0198, 52.1614, 100.9869

Tritanomaly

50.2628, 51.9827, 79.3360

Monochromacy



Original Color

54.7397, 52.2187, 100.9600

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6655, 52.5520, 71.7105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7397, 52.2187, 100.9600 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(182, 186, 254)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 254)  
}
```

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(182, 186, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 254) }
```

Border

The CSS property to change the border of an element to XYZ 54.7397, 52.2187, 100.9600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

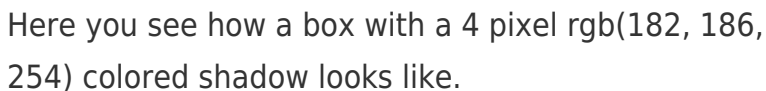
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 186, 254) }
```


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

```
.border{ border-color:rgb(182, 186, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 186, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 186, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 186, 254); box-shadow:4px 4px 4px 4px rgb(182, 186, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7397, 52.2187, 100.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 254) }
```

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

```
.background{ background-color: rgb(182,  
186, 254) }
```

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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