

Converting Colors

XYZ(54.6914, 52.4143, 94.3973)

Have a look what the booklet for
XYZ(54.6914, 52.4143, 94.3973)
contains.

XYZ(54.6870, 52.3364, 94.4084)	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(54.6870, 52.3364,
94.4084)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBAF6
RGB	187, 186, 246
RGB Percent	73%, 73%, 96%
CMY	0.2667, 0.2706, 0.0353
CMYK	0.24, 0.24, 0.00, 0.04
HSL	241°, 77%, 85%
HSV	241°, 24%, 96%
XYZ	54.6870, 52.3364, 94.4084
YIQ	193.1390, -18.6640, 18.8720

Conversions

Conversions Part 2

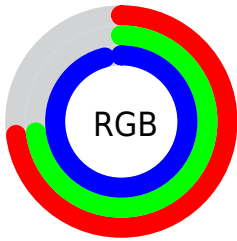
Format	Color
R _Y B	187, 186, 246
Decimal	12303094
CIE Lab	77.48, 12.93, -29.54
CIE LCh	77, 32.243, 293.636
Yxy	52.3364, 0.2715, 0.2598
Android (android.graphics.Color)	4290493174 (0xFFBBBAF6)
YUV	193.1390, 26.0605, -5.3839
Hunter-Lab	72.3439, 8.3319, -26.7324

Details

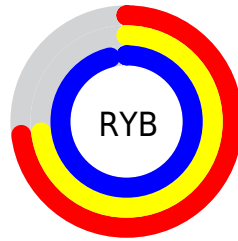
The XYZ color **54.6870, 52.3364, 94.4084** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.4762, 88.8703, 59.4213**, and the grayscale version is **50.6311, 53.2679, 58.0087**.

A 20% lighter version of the original color is **87.1104, 89.9574, 107.3800**, and **27.3547, 25.4793, 52.1914** is the 20% darker color. If you saturate the color by 10%, you get **44.5162, 40.0517, 92.5742**, and if you desaturate by 10%, it is **66.7501, 66.9233, 96.5890**.

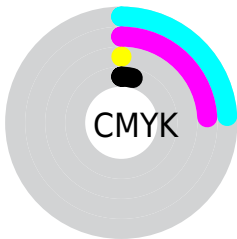
Distribution



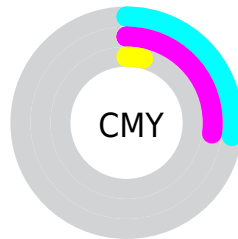
- Red (73%)
- Green (73%)
- Blue (96%)



- Red (73%)
- Yellow (73%)
- Blue (96%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6870, 52.3364, 94.4084 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 54.6870, 52.3364, 94.4084 by changing the saturation by 10% instead.

■ 54.6870, 52.3364,
94.4084

■ 54.6870, 52.3364,
94.4084

394.8801,
395.7339, 563.2052

■ 39.3840, 37.2733,
71.0485

■ 96.2332, 93.6272,
155.4356

■ 27.2407, 25.4192,
51.8997

123.2072,
120.6236, 193.9399

■ 17.8916, 16.3896,
36.5435

154.8021,
152.3666, 238.3296

■ 10.9714, 9.8003,
24.5612

191.3835,
189.2406, 289.0230

■ 6.1148, 5.2667,
15.5344

233.3167,
231.6299, 346.4387

■ 2.9563, 2.4046,
9.0445

280.9669,

■ 1.1307, 0.8283,

279.9190, 410.9953

4.6730

334.6996,
334.4922, 483.1112

■ 0.0506, 0.0000,
2.0014

■ 0.0000, 0.0000,
0.5561

■ 54.6870, 52.3364,
94.4084

■ 54.6870, 52.3364,
94.4084

■ 44.5162, 40.0517,
92.5742

■ 66.7501, 66.9233,
96.5890

■ 36.1370, 29.9459,
91.0652

■ 80.7893, 83.9150,
99.1288

■ 29.4471, 21.8936,
89.8635

■ 93.6347, 99.4339,
101.4472

■ 24.3320, 15.7542,
88.9481

■ 20.6626, 11.3693,
88.2951

■ 18.2900, 8.5553,
87.8770

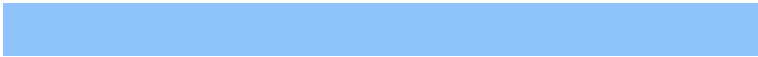
■ 17.0325, 7.0881,
87.6601

■ 16.6860, 6.6803,
87.5996

Harmonies

Analogous

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



48.4322, 52.3364, 98.1793



54.6870, 52.3364, 94.4084



59.9931, 52.3364, 79.7629

Triad

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



54.6870, 52.3364, 94.4084



57.1657, 52.3364, 33.6441



38.7951, 52.3364, 53.2780

Complementary

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



54.6870, 52.3364, 94.4084



79.4762, 88.8703, 59.4213

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.



40.7345, 52.3364, 39.0182



54.6870, 52.3364, 94.4084



51.0796, 52.3364, 29.3065

Square

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



54.6870, 52.3364, 94.4084



61.5054, 52.3364, 44.3444



45.1085, 52.3364, 31.0461



39.5869, 52.3364, 71.8258

Rectangle

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



54.6870, 52.3364, 94.4084



62.1041, 52.3364, 67.1740



45.1085, 52.3364, 31.0461



39.1437, 52.3364, 47.8830

Sweetspot

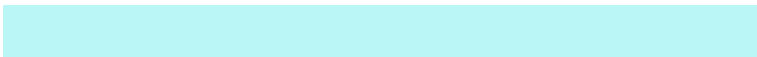
The Sweet Spot groups the original color and five complimentary colors.



54.6887, 52.3385, 94.4096



83.4522, 85.9569, 106.8007



69.8414, 83.0057, 99.5303



17.6592, 18.1525, 22.8230



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.



54.6887, 52.3385, 94.4096



53.9420, 50.2675, 101.4673



62.5141, 56.3726, 94.7758



15.6067, 15.9399, 20.7967



8.9177, 3.5716, 46.7574



0.7926, 0.3185, 4.1099

Inverse Universe

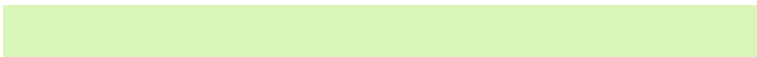
The Inverse Universe completely reimagines the original color for something new.



72.0478, 61.3051, 94.4234



75.6263, 61.4690, 101.4503



70.1391, 84.0568, 58.9844



17.2010, 16.7633, 20.8052



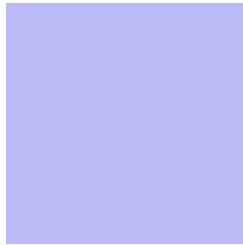
28.8386, 13.8789, 45.9857



2.5384, 1.2213, 4.0615

Previews

White Background



This preview shows how the XYZ color 54.6870, 52.3364, 94.4084 looks on a white background.

Color Contrast Check

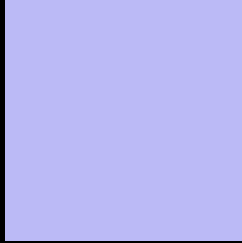
Large Text (above 18pt) WCAG AA × Fail

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 54.6870, 52.3364, 94.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

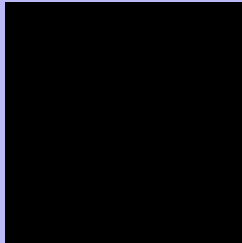
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6870, 52.3364, 94.4084

Background



This preview shows how black text looks on a background with the XYZ color 54.6870, 52.3364, 94.4084.

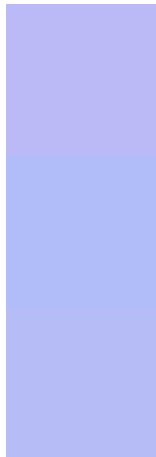


This preview shows how white text looks on a background with the XYZ color 54.6870, 52.3364,

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

54.6870, 52.3364, 94.4084

Protanopia

53.0454, 52.4026, 96.1259

Deuteranopia

53.6738, 52.4440, 94.4826



Tritanopia

49.2775, 52.3973, 67.1910

Trichromacy



Original Color

54.6870, 52.3364, 94.4084

Protanomaly

53.5941, 52.3851, 95.2823

Deuteranomaly

53.9333, 52.2617, 94.4337

Tritanomaly

51.1267, 52.1681, 76.4820

Monochromacy



Original Color

54.6870, 52.3364, 94.4084

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.7830, 52.6567, 69.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6870, 52.3364, 94.4084 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, 186, 246)` looks like.

```
.text, #text, p{  
    color:rgb(187, 186, 246)  
}
```

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, 186, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 186, 246) }
```

Border

The CSS property to change the border of an element to XYZ 54.6870, 52.3364, 94.4084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

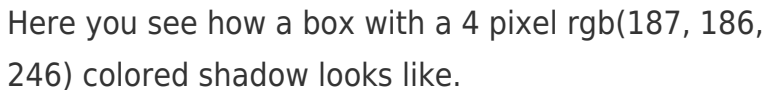
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 186, 246) }
```


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

```
.border{ border-color:rgb(187, 186, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 186, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 186, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 186, 246);  
box-shadow:4px 4px 4px 4px rgb(187, 186,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6870, 52.3364, 94.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 186, 246) }
```

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

```
.background{ background-color: rgb(187,  
186, 246) }
```

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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