

Converting Colors

XYZ(43.2139, 41.1416, 93.7416)

Have a look what the booklet for
XYZ(43.2139, 41.1416, 93.7416)
contains.

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Color

**XYZ(43.1856, 41.1102,
93.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	95A8F7
RGB	149, 168, 247
RGB Percent	58%, 66%, 97%
CMY	0.4157, 0.3412, 0.0314
CMYK	0.40, 0.32, 0.00, 0.03
HSL	228°, 86%, 78%
HSV	228°, 40%, 97%
XYZ	43.1856, 41.1102, 93.6546
YIQ	171.3250, -36.6830, 20.5410

Conversions

Conversions Part 2

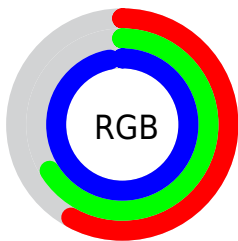
Format	Color
R _Y B	149, 165, 247
Decimal	9808119
CIE Lab	70.25, 12.61, -41.49
CIE LCh	70, 43.365, 286.902
Yxy	41.1102, 0.2427, 0.2310
Android (android.graphics.Color)	4287998199 (0xFF95A8F7)
YUV	171.3250, 37.3078, -19.5790
Hunter-Lab	64.1172, 8.0219, -41.7215

Details

The XYZ color **43.1856, 41.1102, 93.6546** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **71.5275, 77.4328, 39.6119**, and the grayscale version is **38.7047, 40.7204, 44.3445**.

A 20% lighter version of the original color is **69.8913, 73.1172, 105.0371**, and **20.0539, 18.5356, 51.2360** is the 20% darker color. If you saturate the color by 10%, you get **35.7491, 32.2317, 92.3336**, and if you desaturate by 10%, it is **52.1434, 51.6101, 95.2099**.

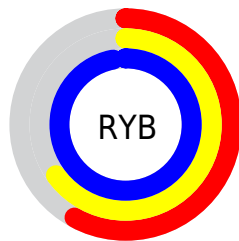
Distribution



Red (58%)

Green (66%)

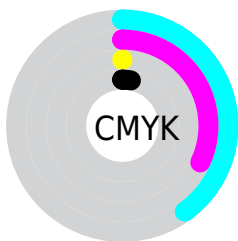
Blue (97%)



Red (58%)

Yellow (65%)

Blue (97%)

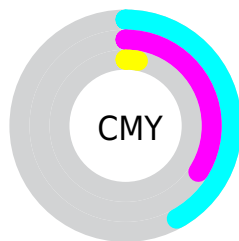


Cyan (40%)

Magenta (32%)

Yellow (0%)

Black (3%)



Cyan (42%)

Magenta (34%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1856, 41.1102, 93.6546 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 43.1856, 41.1102, 93.6546 by changing the saturation by 10% instead.

■ 43.1856, 41.1102,
93.6546

■ 43.1856, 41.1102,
93.6546

350.2831,
350.7810, 560.7227

■ 30.2259, 28.4052,
70.4250

■ 79.2448, 76.8512,
154.3841

■ 20.1591, 18.6313,
51.3942

■ 103.0751,
100.6559, 192.7211

■ 12.6196, 11.4042,
36.1435

131.2596,
128.9293, 236.9310

■ 7.2423, 6.3394,
24.2545

164.1637,
162.0559, 287.4323

■ 3.6618, 3.0525,
15.3085

202.1527,
200.4199, 344.6436

■ 1.5126, 1.1592,
8.8872

245.5921,

■ 0.3344, 0.0280,

244.4059, 408.9834

4.5719

294.8471,
294.3981, 480.8703

■ 0.0000, 0.0000,
1.9440

■ 0.0000, 0.0000,
0.5205

■ 43.1856, 41.1102,
93.6546

■ 43.1856, 41.1102,
93.6546

■ 35.7491, 32.2317,
92.3336

■ 52.1434, 51.6101,
95.2099

■ 29.7431, 24.8875,
91.2326

■ 62.6977, 63.8033,
97.0072

■ 25.0737, 18.9892,
90.3402

■ 74.9237, 77.7626,
99.0572

■ 21.6332, 14.4369,
89.6428

■ 88.8906, 93.5556,
101.3694

■ 19.2962, 11.1168,
89.1252

■ 93.7886, 99.4955,
102.2578

■ 17.8776, 8.8784,
88.7679

■ 17.8409, 8.8199,
88.7585

Harmonies

Analogous

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



36.0567, 41.1102, 94.7595



43.1856, 41.1102, 93.6546



49.9323, 41.1102, 77.2014

Triad

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



43.1856, 41.1102, 93.6546



49.1803, 41.1102, 21.8251



27.2124, 41.1102, 36.4616

Complementary

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



43.1856, 41.1102, 93.6546



71.5275, 77.4328, 39.6119

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.



29.9164, 41.1102, 22.9837



43.1856, 41.1102, 93.6546



42.2551, 41.1102, 16.4292

Square

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



43.1856, 41.1102, 93.6546



53.6707, 41.1102, 34.3151



35.2320, 41.1102, 16.7765



27.3974, 41.1102, 57.1393

Rectangle

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



43.1856, 41.1102, 93.6546



53.0486, 41.1102, 61.9483



35.2320, 41.1102, 16.7765



27.7982, 41.1102, 31.0904

Sweetspot

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



43.1871, 41.1117, 93.6556



77.3040, 79.9100, 105.9576



59.5770, 78.4804, 84.9722



16.1678, 16.6729, 22.6160



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.



43.1871, 41.1117, 93.6556



39.6036, 36.0616, 99.4810



45.9897, 37.7246, 92.8541



15.8412, 16.4466, 20.8822



9.5124, 4.8186, 46.9668



0.9043, 0.5601, 4.1507

Inverse Universe

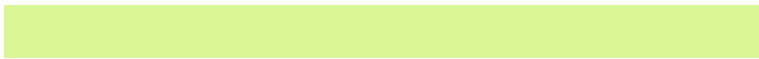
The Inverse Universe completely reimagines the original color for something new.



56.1744, 44.0980, 42.5982



55.6015, 40.3372, 36.4541



67.4808, 83.5363, 41.0033



16.6304, 16.5350, 17.8003



20.6059, 10.5858, 2.6333



1.8455, 0.9442, 0.4129

Previews

White Background



This preview shows how the XYZ color 43.1856, 41.1102, 93.6546 looks on a white background.

Color Contrast Check

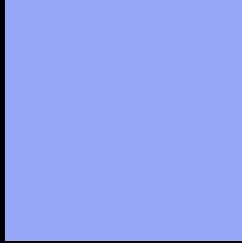
Large Text (above 18pt) WCAG AA × Fail

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 43.1856, 41.1102, 93.6546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

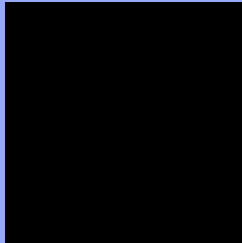
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1856, 41.1102, 93.6546

Background



This preview shows how black text looks on a background with the XYZ color 43.1856, 41.1102, 93.6546.



This preview shows how white text looks on a background with the XYZ color 43.1856, 41.1102,

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

43.1856, 41.1102, 93.6546

Protanopia

42.9853, 41.2642, 94.5062

Deuteranopia

42.3186, 41.2156, 93.7207



Tritanopia

35.8991, 41.3247, 56.5365

Trichromacy



Original Color

43.1856, 41.1102, 93.6546

Protanomaly

43.1639, 41.3563, 94.5145

Deuteranomaly

42.6535, 41.1111, 93.6828

Tritanomaly

38.3247, 41.1268, 68.8691

Monochromacy



Original Color

43.1856, 41.1102, 93.6546

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.7878, 40.6595, 59.7839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1856, 41.1102, 93.6546 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(149, 168, 247)` looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 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(149, 168, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 247) }
```

Border

The CSS property to change the border of an element to XYZ 43.1856, 41.1102, 93.6546 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(149, 168, 247) }
```


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

```
.border{ border-color:rgb(149, 168, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 168, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 168, 247);  
box-shadow:4px 4px 4px 4px rgb(149, 168,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1856, 41.1102, 93.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 247) }
```

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

```
.background{ background-color: rgb(149,  
168, 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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