

Converting Colors

XYZ(43.4123, 38.4106, 87.4339)

Have a look what the booklet for
XYZ(43.4123, 38.4106, 87.4339)
contains.

XYZ(43.5110, 38.5122, 87.5784)	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(43.5110, 38.5122,
87.5784)**

Conversions

Conversions Part 1

Format	Color
Hex	A69DF0
RGB	166, 157, 240
RGB Percent	65%, 62%, 94%
CMY	0.3490, 0.3843, 0.0588
CMYK	0.31, 0.35, 0.00, 0.06
HSL	247°, 73%, 78%
HSV	247°, 35%, 94%
XYZ	43.5110, 38.5122, 87.5784
YIQ	169.1530, -21.2790, 27.7210

Conversions

Conversions Part 2

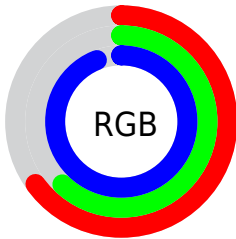
Format	Color
RYB	166, 157, 240
Decimal	10919408
CIELab	68.40, 21.57, -40.49
CIELCh	68, 45.876, 298.051
Yxy	38.5122, 0.2565, 0.2271
Android (android.graphics.Color)	4289109488 (0xFFA69DF0)
YUV	169.1530, 34.9276, -2.7652
Hunter-Lab	62.0582, 16.5502, -40.2311

Details

The XYZ color **43.5110, 38.5122, 87.5784** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **70.2017, 81.7442, 43.9779**, and the grayscale version is **37.6290, 39.5887, 43.1121**.

A 20% lighter version of the original color is **72.0249, 69.9949, 104.3220**, and **20.4879, 17.2135, 47.5901** is the 20% darker color. If you saturate the color by 10%, you get **35.7239, 29.0512, 86.1634**, and if you desaturate by 10%, it is **52.8446, 49.9558, 89.2960**.

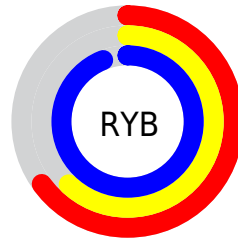
Distribution



Red (65%)

Green (62%)

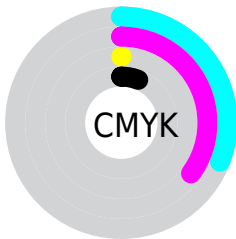
Blue (94%)



Red (65%)

Yellow (62%)

Blue (94%)

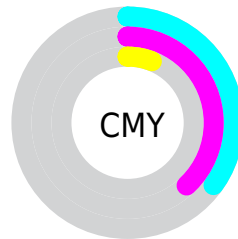


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (6%)



Cyan (35%)

Magenta (38%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5110, 38.5122, 87.5784 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 43.5110, 38.5122, 87.5784 by changing the saturation by 10% instead.

■ 43.5110, 38.5122,
87.5784

■ 43.5110, 38.5122,
87.5784

351.5951,
339.8121, 540.4871

■ 30.4825, 26.3805,
65.4116

■ 79.7323, 72.8925,
145.8760

■ 20.3550, 17.1085,
47.3415

■ 103.6559, 95.9099,
182.8440

■ 12.7631, 10.3119,
32.9494

131.9418,
123.3246, 225.5827

■ 7.3415, 5.6062,
21.8169

164.9555,
155.5211, 274.5107

■ 3.7248, 2.6072,
13.5254

203.0624,
192.8837, 330.0467

■ 1.5477, 0.9303,
7.6563

246.6277,

■ 0.3579, 0.0000,

235.7968, 392.6090

3.7912

296.0168,
284.6448, 462.6163

■ 0.0000, 0.0000,
1.5115

■ 0.0000, 0.0000,
0.2265

■ 43.5110, 38.5122,
87.5784

■ 43.5110, 38.5122,
87.5784

■ 35.7239, 29.0512,
86.1634

■ 52.8446, 49.9558,
89.2960

■ 29.3954, 21.4556,
85.0308

■ 63.7979, 63.4815,
91.3294

■ 24.4351, 15.6025,
84.1625

■ 76.4446, 79.1873,
93.6944

■ 20.7404, 11.3526,
83.5369

■ 90.8526, 97.1638,
96.4048

■ 18.1945, 8.5449,
83.1291

■ 92.7283, 99.0713,
96.6741

■ 16.6576, 6.9841,
82.9089

■ 16.1549, 6.5113,
82.8441

Harmonies

Analogous

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



36.1357, 38.5122, 95.3739



43.5110, 38.5122, 87.5784



49.6579, 38.5122, 66.6170

Triad

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



43.5110, 38.5122, 87.5784



44.4329, 38.5122, 16.4797



24.4351, 38.5122, 40.5987

Complementary

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



43.5110, 38.5122, 87.5784



70.2017, 81.7442, 43.9779

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.



26.0664, 38.5122, 24.2523



43.5110, 38.5122, 87.5784



37.0777, 38.5122, 13.4726

Square

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



43.5110, 38.5122, 87.5784



50.2373, 38.5122, 25.9106



30.4708, 38.5122, 15.7665



25.6926, 38.5122, 63.4863

Rectangle

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



43.5110, 38.5122, 87.5784



51.8937, 38.5122, 50.6926



30.4708, 38.5122, 15.7665



24.6589, 38.5122, 34.2459

Sweetspot

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



43.5124, 38.5137, 87.5793



79.5727, 80.7359, 105.9974



58.4061, 71.0048, 93.0657



16.6008, 16.7459, 22.6073



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.



43.5124, 38.5137, 87.5793



43.8853, 36.8357, 99.4047



53.4626, 43.6432, 88.0450



15.0563, 15.3108, 19.8833



8.8965, 3.5917, 45.3522



0.7924, 0.3258, 3.7753

Inverse Universe

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



62.4169, 48.4100, 81.6563



68.4963, 49.7278, 91.3082



58.5322, 75.7283, 43.4318



16.3761, 16.0002, 19.5368



26.3444, 12.8102, 36.0600



2.2126, 1.0741, 3.1102

Previews

White Background



This preview shows how the XYZ color 43.5110, 38.5122, 87.5784 looks on a white background.

Color Contrast Check

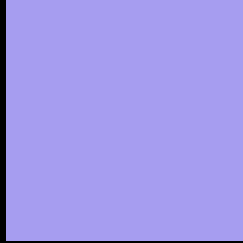
Large Text (above 18pt) WCAG AA × Fail

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 43.5110, 38.5122, 87.5784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

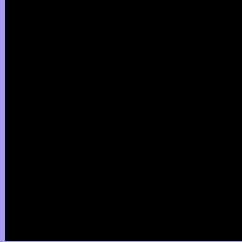
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5110, 38.5122, 87.5784

Background



This preview shows how black text looks on a background with the XYZ color 43.5110, 38.5122, 87.5784.



This preview shows how white text looks on a background with the XYZ color 43.5110, 38.5122,

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

43.5110, 38.5122, 87.5784

Protanopia

40.5575, 38.6937, 92.5198

Deuteranopia

39.5352, 38.5723, 86.2504



Tritanopia

35.9579, 38.6234, 49.8158

Trichromacy



Original Color

43.5110, 38.5122, 87.5784

Protanomaly

41.4684, 38.4110, 90.8164

Deuteranomaly

40.8947, 38.4622, 86.9299

Tritanomaly

38.3352, 38.4912, 61.9090

Monochromacy



Original Color

43.5110, 38.5122, 87.5784

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.4539, 39.1752, 57.1119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5110, 38.5122, 87.5784 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(166, 157, 240)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 240)  
}
```

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(166, 157, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 240) }
```

Border

The CSS property to change the border of an element to XYZ 43.5110, 38.5122, 87.5784 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(166, 157, 240) }
```


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

```
.border{ border-color:rgb(166, 157, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 240);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5110, 38.5122, 87.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 240) }
```

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

```
.background{ background-color: rgb(166,  
157, 240) }
```

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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