

Converting Colors

XYZ(43.9202, 32.2592, 89.4119)

Have a look what the booklet for
XYZ(43.9202, 32.2592, 89.4119)
contains.

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Color

**XYZ(43.8155, 32.1603,
89.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	B880F4
RGB	184, 128, 244
RGB Percent	72%, 50%, 96%
CMY	0.2784, 0.4980, 0.0431
CMYK	0.25, 0.48, 0.00, 0.04
HSL	269°, 84%, 73%
HSV	269°, 48%, 96%
XYZ	43.8155, 32.1603, 89.4862
YIQ	157.9680, -3.8600, 47.9480

Conversions

Conversions Part 2

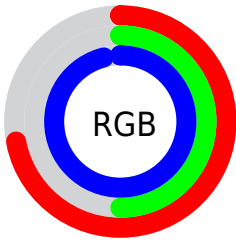
Format	Color
RYB	184, 128, 244
Decimal	12091636
CIELab	63.48, 43.68, -50.31
CIElCh	63, 66.630, 310.965
Yxy	32.1603, 0.2648, 0.1944
Android (android.graphics.Color)	4290281716 (0xFFB880F4)
YUV	157.9680, 42.4138, 22.8301
Hunter-Lab	56.7101, 38.6706, -53.8602

Details

The XYZ color **43.8155, 32.1603, 89.4862** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **56.9865, 76.9518, 32.2728**, and the grayscale version is **32.3011, 33.9833, 37.0078**.

A 20% lighter version of the original color is **71.3959, 59.5531, 102.3397**, and **20.5256, 13.4848, 48.5347** is the 20% darker color. If you saturate the color by 10%, you get **38.1178, 25.0535, 88.4153**, and if you desaturate by 10%, it is **50.5505, 40.9388, 90.8262**.

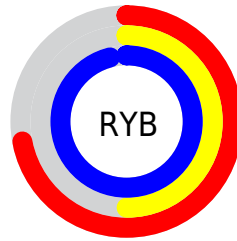
Distribution



Red (72%)

Green (50%)

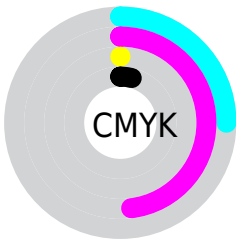
Blue (96%)



Red (72%)

Yellow (50%)

Blue (96%)

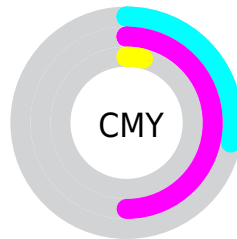


Cyan (25%)

Magenta (48%)

Yellow (0%)

Black (4%)



Cyan (28%)


Magenta (50%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8155, 32.1603, 89.4862 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 43.8155, 32.1603, 89.4862 by changing the saturation by 10% instead.

 43.8155, 32.1603,
89.4862


 43.8155, 32.1603,
89.4862

352.8198,
311.8488, 546.8850


 30.7228, 21.4840,
66.9833


 80.1881, 63.0623,
148.5538

 20.5386, 13.4782,
48.6095


 104.1987, 84.0568,
185.9555

 12.8977, 7.7587,
33.9464


 132.5793,
109.2594, 229.1606

 7.4347, 3.9409,
22.5754

165.6953,
139.0546, 278.5875

 3.7841, 1.6406,
14.0780

203.9119,
173.8267, 334.6549

 1.5807, 0.3847,
8.0355

247.5947,

 0.3798, 0.0000,

213.9602, 397.7812

4.0296

297.1088,
259.8394, 468.3851

■ 0.0000, 0.0000,
1.6416

■ 0.0000, 0.0000,
0.3202

■ 43.8155, 32.1603,
89.4862

■ 43.8155, 32.1603,
89.4862

■ 38.1178, 25.0535,
88.4153

■ 50.5505, 40.9388,
90.8262

■ 33.3909, 19.4996,
87.5924

■ 58.3761, 51.4892,
92.4502

■ 29.5654, 15.3694,
86.9969

■ 67.3460, 63.9080,
94.3745

■ 26.5592, 12.5098,
86.6034

■ 77.5090, 78.2835,
96.6136

■ 24.2657, 10.7198,
86.3787

■ 88.9109, 94.6983,
99.1810

■ 23.7728, 10.3690,
86.3370

■ 93.3292, 99.3117,
99.8386

Harmonies

Analogous

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



34.0872, 32.1603, 112.9169



43.8155, 32.1603, 89.4862



50.7188, 32.1603, 54.4590

Triad

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



43.8155, 32.1603, 89.4862



36.7614, 32.1603, 5.5240



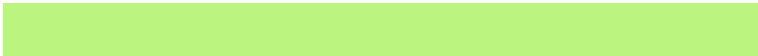
16.1875, 32.1603, 45.6600

Complementary

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



43.8155, 32.1603, 89.4862



56.9865, 76.9518, 32.2728

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.



16.6165, 32.1603, 20.8595



43.8155, 32.1603, 89.4862



27.2986, 32.1603, 4.9984

Square

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



43.8155, 32.1603, 89.4862



46.1108, 32.1603, 11.0693



20.3016, 32.1603, 8.8741



18.9802, 32.1603, 80.3174

Rectangle

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



43.8155, 32.1603, 89.4862



52.0944, 32.1603, 34.1636



20.3016, 32.1603, 8.8741



15.9769, 32.1603, 35.8847

Sweetspot

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



43.8167, 32.1616, 89.4869



78.2298, 75.9643, 105.1472



43.6168, 47.8911, 92.5336



16.2404, 15.5503, 22.3955



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.



43.8167, 32.1616, 89.4869



42.3689, 27.9783, 97.7750



60.0295, 40.5196, 90.2457



16.3426, 16.3192, 20.8311



13.0825, 5.7186, 46.9523



1.2679, 0.5635, 4.1322

Inverse Universe

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



54.1052, 38.3032, 52.1188



55.5172, 35.8321, 49.7948



45.7427, 71.1554, 31.7466



16.8570, 16.6257, 18.9937



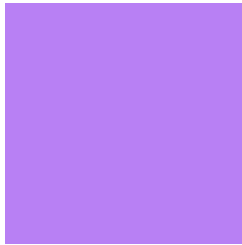
22.4105, 11.3076, 12.1360



2.0216, 1.0146, 1.3402

Previews

White Background



This preview shows how the XYZ color 43.8155, 32.1603, 89.4862 looks on a white background.

Color Contrast Check

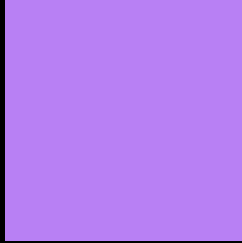
Large Text (above 18pt) WCAG AA × Fail

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 43.8155, 32.1603, 89.4862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

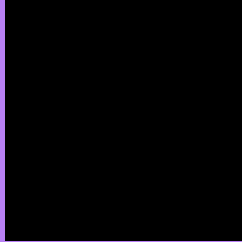
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8155, 32.1603, 89.4862

Background



This preview shows how black text looks on a background with the XYZ color 43.8155, 32.1603, 89.4862.



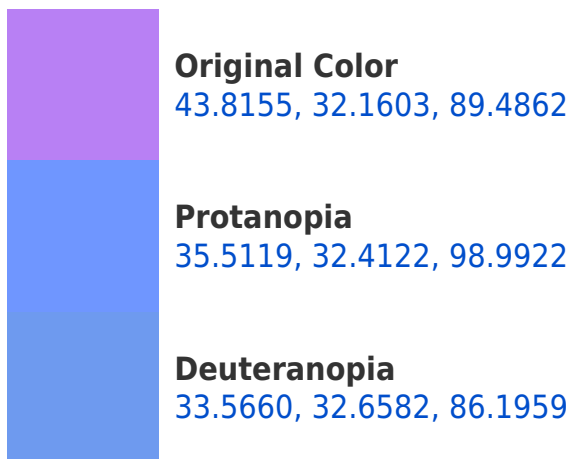
This preview shows how white text looks on a background with the XYZ color 43.8155, 32.1603,

89.4862.

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





Tritanopia

33.2101, 32.1180, 37.2499

Trichromacy



Original Color

43.8155, 32.1603, 89.4862

Protanomaly

37.5668, 31.7143, 95.4083

Deuteranomaly

36.3191, 31.9200, 87.4660

Tritanomaly

36.2747, 31.7661, 52.9348

Monochromacy



Original Color

43.8155, 32.1603, 89.4862

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.5554, 32.7570, 52.5929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8155, 32.1603, 89.4862 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(184, 128, 244)` looks like.

```
.text, #text, p{  
    color:rgb(184, 128, 244)  
}
```

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(184, 128, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 128, 244) }
```

Border

The CSS property to change the border of an element to XYZ 43.8155, 32.1603, 89.4862 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(184, 128, 244) }
```


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

```
.border{ border-color:rgb(184, 128, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 128, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 128, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 128, 244);  
box-shadow:4px 4px 4px 4px rgb(184, 128,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8155, 32.1603, 89.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 128, 244) }
```

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

```
.background{ background-color: rgb(184,  
128, 244) }
```

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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