

Converting Colors

XYZ(43.7162, 27.2624, 93.3930)

Have a look what the booklet for
XYZ(43.7162, 27.2624, 93.3930)
contains.

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Color

**XYZ(43.8048, 27.3539,
93.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	C164FA
RGB	193, 100, 250
RGB Percent	76%, 39%, 98%
CMY	0.2431, 0.6078, 0.0196
CMYK	0.23, 0.60, 0.00, 0.02
HSL	277°, 94%, 69%
HSV	277°, 60%, 98%
XYZ	43.8048, 27.3539, 93.4135
YIQ	144.9070, 7.2780, 66.3660

Conversions

Conversions Part 2

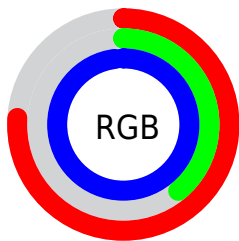
Format	Color
R_{YB}	193, 100, 250
Decimal	12674298
CIE _{Lab}	59.30, 61.65, -60.21
CIE _{LCh}	59, 86.173, 315.674
Yxy	27.3539, 0.2662, 0.1662
Android (android.graphics.Color)	4290864378 (0xFFC164FA)
YUV	144.9070, 51.8108, 42.1776
Hunter-Lab	52.3010, 57.9765, -69.2858

Details

The XYZ color **43.8048, 27.3539, 93.4135** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **50.3910, 76.4599, 24.1598**, and the grayscale version is **26.6714, 28.0604, 30.5577**.

A 20% lighter version of the original color is **69.9162, 51.3581, 100.8359**, and **20.5180, 10.8025, 51.4558** is the 20% darker color. If you saturate the color by 10%, you get **39.4200, 22.0638, 92.6240**, and if you desaturate by 10%, it is **49.0828, 34.1970, 94.4567**.

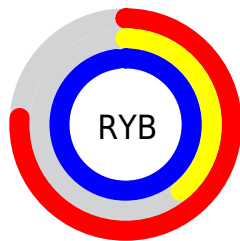
Distribution



Red (76%)

Green (39%)

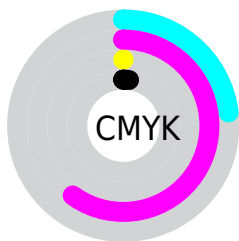
Blue (98%)



Red (76%)

Yellow (39%)

Blue (98%)

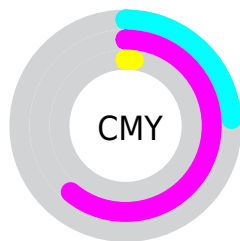


Cyan (23%)

Magenta (60%)

Yellow (0%)

Black (2%)



Cyan (24%)


Magenta (61%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8048, 27.3539, 93.4135 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 43.8048, 27.3539, 93.4135 by changing the saturation by 10% instead.


 43.8048, 27.3539,
93.4135


 43.8048, 27.3539,
93.4135


352.7768,
289.3666, 559.9275


 30.7143, 17.8392,
70.2257


 80.1721, 55.4512,
154.0476


 20.5322, 10.8346,
51.2326


 104.1796, 74.8027,
192.3310

 12.8930, 5.9557,
36.0157


 132.5569, 98.2018,
236.4833

 7.4314, 2.8182,
24.1566

 165.6693,
126.0330, 286.9230

 3.7820, 1.0376,
15.2365

203.8821,
158.6807, 344.0688

 1.5796, 0.0000,
8.8371

247.5607,

 0.3790, 0.0000,

196.5292, 408.3391

4.5397

297.0705,
239.9631, 480.1525

■ 0.0000, 0.0000,
1.9259

■ 0.0000, 0.0000,
0.5091

■ 43.8048, 27.3539,
93.4135

■ 43.8048, 27.3539,
93.4135

■ 39.4200, 22.0638,
92.6240

■ 49.0828, 34.1970,
94.4567

■ 35.8524, 18.1827,
92.0629

■ 55.3144, 42.7133,
95.7720

■ 33.0171, 15.5438,
91.7030

■ 62.5580, 53.0145,
97.3786

■ 30.7737, 13.8712,
91.4984

■ 70.8662, 65.2016,
99.2930

■ 30.7735, 13.8710,
91.4983

■ 80.2874, 79.3677,
101.5308

■ 90.8671, 95.5999,
104.1063

■ 94.2554, 99.6822,
104.7157

Harmonies

Analogous

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



32.0045, 27.3539, 131.1487



43.8048, 27.3539, 93.4135



51.6670, 27.3539, 47.0005

Triad

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



43.8048, 27.3539, 93.4135



31.4670, 27.3539, 1.3540



10.7234, 27.3539, 48.8509

Complementary

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



43.8048, 27.3539, 93.4135



50.3910, 76.4599, 24.1598

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.



10.6537, 27.3539, 17.3872



43.8048, 27.3539, 93.4135



20.7962, 27.3539, 1.4005

Square

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



43.8048, 27.3539, 93.4135



43.3189, 27.3539, 4.3141



13.8206, 27.3539, 4.5920



14.0478, 27.3539, 95.5433

Rectangle

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



43.8048, 27.3539, 93.4135



52.5292, 27.3539, 24.2966



13.8206, 27.3539, 4.5920



10.3572, 27.3539, 36.0404

Sweetspot

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



43.8059, 27.3550, 93.4141



75.9868, 70.9708, 104.3015



34.6534, 33.8959, 95.1591



15.6828, 14.3255, 22.1885



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.



43.8059, 27.3550, 93.4141



40.3928, 22.1209, 96.7486



58.6188, 35.2938, 80.4403



17.3168, 17.1759, 21.7879



16.4883, 7.4427, 48.5411



1.6450, 0.7501, 4.5013

Inverse Universe

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



50.0679, 31.8734, 35.4120



48.3389, 27.7456, 28.0719



42.6822, 72.3773, 28.7057



17.5175, 17.3344, 19.3149



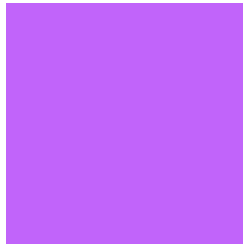
22.0720, 11.2445, 7.0875



2.0940, 1.0614, 0.9186

Previews

White Background



This preview shows how the XYZ color 43.8048, 27.3539, 93.4135 looks on a white background.

Color Contrast Check

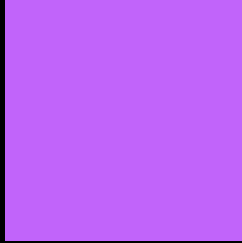
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8048, 27.3539, 93.4135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

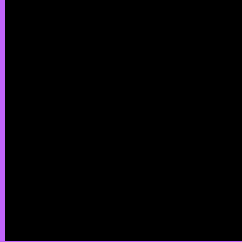
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.8048, 27.3539, 93.4135

Background



This preview shows how black text looks on a background with the XYZ color 43.8048, 27.3539, 93.4135.

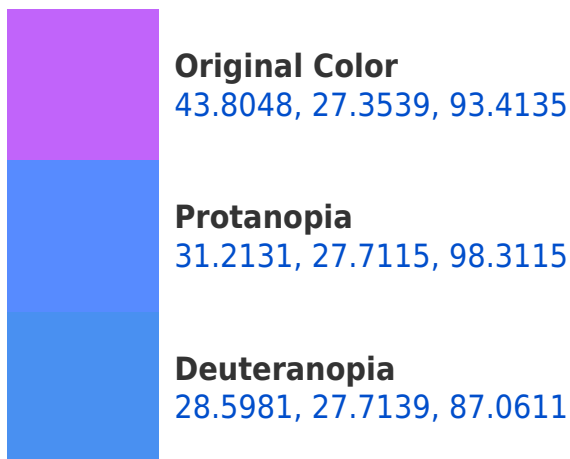


This preview shows how white text looks on a background with the XYZ color 43.8048, 27.3539,

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

30.6032, 27.2696, 28.8499

Trichromacy



Original Color

43.8048, 27.3539, 93.4135

Protanomaly

33.6674, 26.1947, 96.2101

Deuteranomaly

31.3844, 25.7519, 88.9044

Tritanomaly

34.3484, 26.7142, 47.0621

Monochromacy



Original Color

43.8048, 27.3539, 93.4135

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.2978, 26.8008, 48.3232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8048, 27.3539, 93.4135 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(193, 100, 250)` looks like.

```
.text, #text, p{  
    color:rgb(193, 100, 250)  
}
```

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(193, 100, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 100, 250) }
```

Border

The CSS property to change the border of an element to XYZ 43.8048, 27.3539, 93.4135 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(193, 100, 250) }
```


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

```
.border{ border-color:rgb(193, 100, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 100, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 100, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 100, 250);  
box-shadow:4px 4px 4px 4px rgb(193, 100,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8048, 27.3539, 93.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 100, 250) }
```

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

```
.background{ background-color: rgb(193,  
100, 250) }
```

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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