

Converting Colors

XYZ(39.2841, 29.6491, 88.4464)

Have a look what the booklet for
XYZ(39.2841, 29.6491, 88.4464)
contains.

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Color

**XYZ(39.2841, 29.6491,
88.4464)**

Conversions

Conversions Part 1

Format	Color
Hex	A57FF3
RGB	165, 127, 243
RGB Percent	65%, 50%, 95%
CMY	0.3529, 0.5020, 0.0471
CMYK	0.32, 0.48, 0.00, 0.05
HSL	260°, 83%, 73%
HSV	260°, 48%, 95%
XYZ	39.2841, 29.6491, 88.4464
YIQ	151.5860, -14.5880, 44.1320

Conversions

Conversions Part 2

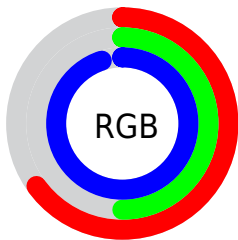
Format	Color
R _Y B	165, 127, 243
Decimal	10846195
CIE Lab	61.35, 39.04, -53.25
CIE LCh	61, 66.026, 306.247
Yxy	29.6491, 0.2496, 0.1884
Android (android.graphics.Color)	4289036275 (0xFFA57FF3)
YUV	151.5860, 45.0671, 11.7641
Hunter-Lab	54.4510, 33.4910, -58.1909

Details

The XYZ color **39.2841, 29.6491, 88.4464** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **61.0584, 78.6130, 32.0352**, and the grayscale version is **29.4846, 31.0201, 33.7809**.

A 20% lighter version of the original color is **64.8027, 55.5505, 101.9146**, and **17.8235, 12.1041, 47.8513** is the 20% darker color. If you saturate the color by 10%, you get **33.3317, 22.4705, 87.3751**, and if you desaturate by 10%, it is **46.4297, 38.5671, 89.7917**.

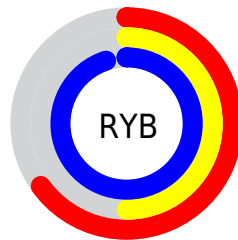
Distribution



Red (65%)

Green (50%)

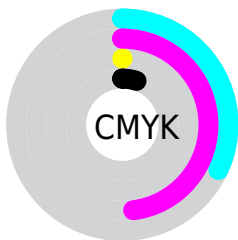
Blue (95%)



Red (65%)

Yellow (50%)

Blue (95%)

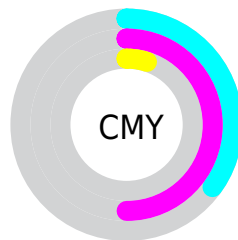


Cyan (32%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (50%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2841, 29.6491, 88.4464 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 39.2841, 29.6491, 88.4464 by changing the saturation by 10% instead.

■ 39.2841, 29.6491,
88.4464

■ 39.2841, 29.6491,
88.4464

334.2833,
300.2654, 543.4031

■ 27.1625, 19.5724,
66.1264

■ 73.3634, 59.1068,
147.0951

■ 17.8325, 12.0846,
47.9179

■ 96.0519, 79.2566,
184.2608

■ 10.9288, 6.8013,
33.4023

■ 122.9934,
103.5329, 227.2122

■ 6.0859, 3.3382,
22.1612

154.5532,
132.3200, 276.3679

■ 2.9385, 1.3107,
13.7759

191.0967,
166.0025, 332.1462

■ 1.1213, 0.1495,
7.8280

232.9894,

■ 0.0429, 0.0000,

204.9646, 394.9659

3.8989

280.5964,
249.5908, 465.2453

■ 0.0000, 0.0000,
1.5701

■ 0.0000, 0.0000,
0.2693

■ 39.2841, 29.6491,
88.4464

■ 39.2841, 29.6491,
88.4464

■ 33.3317, 22.4705,
87.3751

■ 46.4297, 38.5671,
89.7917

■ 28.4975, 16.9090,
86.5564

■ 54.8303, 49.3288,
91.4261

■ 24.7023, 12.8310,
85.9693

■ 64.5474, 62.0340,
93.3663

■ 21.8536, 10.0789,
85.5882

■ 75.6370, 76.7742,
95.6270

■ 19.8319, 8.4436,
85.3791

■ 88.1521, 93.6352,
98.2219

■ 19.4530, 8.1595,
85.3443

■ 93.1778, 99.2511,
99.0410

Harmonies

Analogous

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



30.0420, 29.6491, 107.2522



39.2841, 29.6491, 88.4464



46.4500, 29.6491, 55.7034

Triad

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



39.2841, 29.6491, 88.4464



35.4764, 29.6491, 5.2793



14.5991, 29.6491, 37.7866

Complementary

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



39.2841, 29.6491, 88.4464



61.0584, 78.6130, 32.0352

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.



15.4664, 29.6491, 16.5650



39.2841, 29.6491, 88.4464



26.3977, 29.6491, 4.2285

Square

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



39.2841, 29.6491, 88.4464



43.9539, 29.6491, 11.4216



19.3953, 29.6491, 6.9984



16.7201, 29.6491, 69.7421

Rectangle

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



39.2841, 29.6491, 88.4464



48.4057, 29.6491, 35.5239



19.3953, 29.6491, 6.9984



14.5582, 29.6491, 29.2451

Sweetspot

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



39.2853, 29.6502, 88.4471



76.4134, 75.0279, 105.0622



47.0664, 55.2551, 92.9792



15.8000, 15.3232, 22.3749



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.



39.2853, 29.6502, 88.4471



37.5450, 25.4915, 97.5492



53.8104, 37.1382, 89.1269



16.0925, 16.1903, 20.8194



10.8023, 4.5431, 46.8456



1.0531, 0.4528, 4.1221

Inverse Universe

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



55.5715, 38.6419, 62.2869



58.0876, 36.8602, 63.3305



48.1432, 71.9550, 31.4308



16.9693, 16.6706, 19.5847



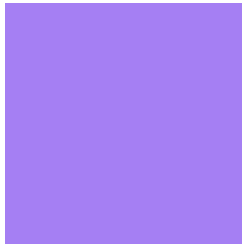
23.9985, 11.9428, 20.4983



2.1564, 1.0685, 2.0502

Previews

White Background



This preview shows how the XYZ color 39.2841, 29.6491, 88.4464 looks on a white background.

Color Contrast Check

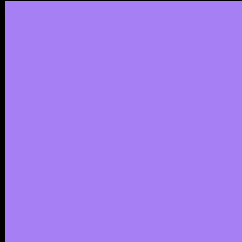
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2841, 29.6491, 88.4464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

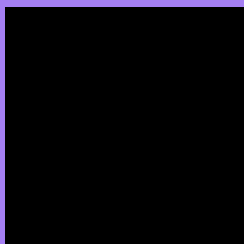
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.2841, 29.6491, 88.4464

Background



This preview shows how black text looks on a background with the XYZ color 39.2841, 29.6491, 88.4464.



This preview shows how white text looks on a background with the XYZ color 39.2841, 29.6491,

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

39.2841, 29.6491, 88.4464

Protanopia

33.3210, 30.1234, 98.6659

Deuteranopia

30.8994, 30.1008, 85.0704



Tritanopia

28.8180, 29.6320, 36.5484

Trichromacy



Original Color

39.2841, 29.6491, 88.4464



Protanomaly

34.6694, 29.3529, 95.1052



Deuteranomaly

32.9988, 29.3341, 86.3609



Tritanomaly

31.8898, 29.3003, 52.1189

Monochromacy



Original Color

39.2841, 29.6491, 88.4464



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

32.4840, 30.3158, 50.0384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2841, 29.6491, 88.4464 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(165, 127, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 127, 243)  
}
```

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(165, 127, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 127, 243) }
```

Border

The CSS property to change the border of an element to XYZ 39.2841, 29.6491, 88.4464 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(165, 127, 243) }
```


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

```
.border{ border-color:rgb(165, 127, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 127, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 127, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 127, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 127,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2841, 29.6491, 88.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 127, 243) }
```

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

```
.background{ background-color: rgb(165,  
127, 243) }
```

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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