

Converting Colors

XYZ(39.4084, 29.4462, 74.8418)

Have a look what the booklet for
XYZ(39.4084, 29.4462, 74.8418)
contains.

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Color

**XYZ(39.3887, 29.4353,
74.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	B37CE1
RGB	179, 124, 225
RGB Percent	70%, 49%, 88%
CMY	0.2980, 0.5137, 0.1176
CMYK	0.20, 0.45, 0.00, 0.12
HSL	273°, 63%, 68%
HSV	273°, 45%, 88%
XYZ	39.3887, 29.4353, 74.8397
YIQ	151.9590, 0.3590, 43.0710

Conversions

Conversions Part 2

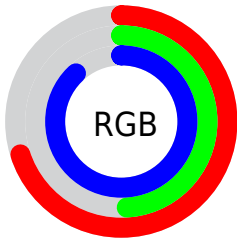
Format	Color
R_{YB}	179, 124, 225
Decimal	11762913
CIE _{Lab}	61.16, 40.17, -43.46
CIE _{LCh}	61, 59.185, 312.747
Yxy	29.4353, 0.2742, 0.2049
Android (android.graphics.Color)	4289952993 (0xFFB37CE1)
YUV	151.9590, 36.0092, 23.7150
Hunter-Lab	54.2543, 34.6462, -43.8080

Details

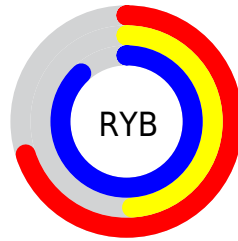
The XYZ color **39.3887, 29.4353, 74.8397** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **47.1416, 63.8523, 28.9101**, and the grayscale version is **29.6779, 31.2235, 34.0024**.

A 20% lighter version of the original color is **68.5625, 56.8937, 101.9757**, and **17.8562, 11.9147, 38.8948** is the 20% darker color. If you saturate the color by 10%, you get **34.6031, 23.2497, 73.8985**, and if you desaturate by 10%, it is **44.9957, 37.0005, 76.0049**.

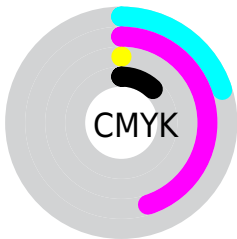
Distribution



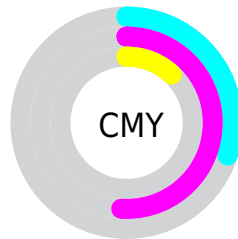
- Red (70%)
- Green (49%)
- Blue (88%)



- Red (70%)
- Yellow (49%)
- Blue (88%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (12%)



- Cyan (30%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3887, 29.4353, 74.8397 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 39.3887, 29.4353, 74.8397 by changing the saturation by 10% instead.

39.3887, 29.4353,
74.8397

39.3887, 29.4353,
74.8397

334.7190,
299.2633, 496.6071

27.2443, 19.4104,
54.9806

73.5220, 58.7680,
127.8304

17.8943, 11.9672,
38.9877

96.2417, 78.8445,
161.7992

10.9734, 6.7213,
26.4424

123.2171,
103.0404, 201.3082

6.1161, 3.2884,
16.9262

154.8138,
131.7400, 246.7762

2.9571, 1.2841,
10.0205

191.3969,
165.3276, 298.6215

1.1311, 0.1289,
5.3068

233.3319,

0.0509, 0.0000,

204.1878, 357.2627

2.3665

280.9842,
248.7049, 423.1184

■ 0.0000, 0.0000,
0.7681

■ 0.0000, 0.0000,
0.0000

■ 39.3887, 29.4353,
74.8397

■ 39.3887, 29.4353,
74.8397

■ 34.6031, 23.2497,
73.8985

■ 44.9957, 37.0005,
76.0049

■ 30.5876, 18.3494,
73.1643

■ 51.4647, 46.0239,
77.4056

■ 27.2893, 14.6339,
72.6209

■ 58.8373, 56.5822,
79.0550

■ 24.6462, 11.9849,
72.2489

■ 67.1511, 68.7458,
80.9646

■ 22.5831, 10.2584,
72.0244

■ 76.4415, 82.5804,
83.1453

■ 21.6915, 9.6124,
71.9467

■ 85.4515, 95.5669,
85.1771

■ 89.0388, 97.4162,
85.3450

■ 90.5907, 98.2163,
85.4176

Harmonies

Analogous

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



31.4040, 29.4353, 94.4891



39.3887, 29.4353, 74.8397



44.8018, 29.4353, 46.4833

Triad

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



39.3887, 29.4353, 74.8397



32.6448, 29.4353, 6.0979



15.7922, 29.4353, 42.4450

Complementary

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



39.3887, 29.4353, 74.8397



47.1416, 63.8523, 28.9101

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.



16.0007, 29.4353, 20.9643



39.3887, 29.4353, 74.8397



24.8095, 29.4353, 5.8146

Square

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



39.3887, 29.4353, 74.8397



40.4407, 29.4353, 10.9012



19.0149, 29.4353, 9.7833



18.3804, 29.4353, 70.7326

Rectangle

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



39.3887, 29.4353, 74.8397



45.7041, 29.4353, 30.0431



19.0149, 29.4353, 9.7833



15.5537, 29.4353, 34.1444

Sweetspot

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



39.3898, 29.4365, 74.8404



80.0334, 77.8911, 105.4240



36.4919, 38.8987, 76.8195



16.6312, 15.9478, 22.4516



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.



39.3898, 29.4365, 74.8404



46.2570, 31.2564, 98.2028



51.3954, 35.6782, 73.0281



13.6617, 13.6092, 17.2945



12.6360, 5.6094, 41.4651



0.9787, 0.4418, 2.8789

Inverse Universe

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



45.5155, 33.3262, 42.0647



55.8760, 37.3485, 47.4515



39.0930, 59.6781, 29.6640



13.9655, 13.8038, 15.5886



19.3461, 9.8055, 8.4885



1.3857, 0.6976, 0.8240

Previews

White Background



This preview shows how the XYZ color 39.3887, 29.4353, 74.8397 looks on a white background.

Color Contrast Check

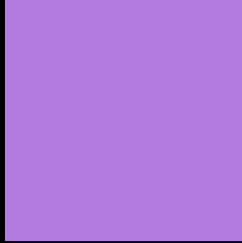
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3887, 29.4353, 74.8397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

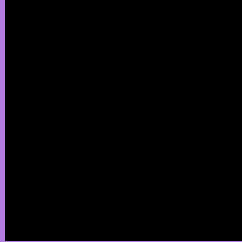
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3887, 29.4353, 74.8397

Background



This preview shows how black text looks on a background with the XYZ color 39.3887, 29.4353, 74.8397.



This preview shows how white text looks on a background with the XYZ color 39.3887, 29.4353,

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

39.3887, 29.4353, 74.8397

Protanopia

32.4874, 29.9100, 88.8550

Deuteranopia

30.4222, 29.6796, 71.8355



Tritanopia

31.1287, 29.5322, 33.7654

Trichromacy



Original Color

39.3887, 29.4353, 74.8397

Protanomaly

33.9175, 29.0158, 83.1698

Deuteranomaly

32.8987, 29.1424, 72.9983

Tritanomaly

33.5952, 29.2405, 46.5212

Monochromacy



Original Color

39.3887, 29.4353, 74.8397

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.7100, 30.2821, 46.7688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3887, 29.4353, 74.8397 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(179, 124, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 124, 225)  
}
```

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(179, 124, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 124, 225) }
```

Border

The CSS property to change the border of an element to XYZ 39.3887, 29.4353, 74.8397 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(179, 124, 225) }
```


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

```
.border{ border-color:rgb(179, 124, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 124, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 124, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 124, 225);  
box-shadow:4px 4px 4px 4px rgb(179, 124,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3887, 29.4353, 74.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 124, 225) }
```

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

```
.background{ background-color: rgb(179,  
124, 225) }
```

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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