

Converting Colors

XYZ(32.8402, 39.0360, 9.3015)

Have a look what the booklet for
XYZ(32.8402, 39.0360, 9.3015)
contains.

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Color

**XYZ(32.8430, 39.0377,
9.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAD36
RGB	173, 173, 54
RGB Percent	68%, 68%, 21%
CMY	0.3216, 0.3216, 0.7882
CMYK	0.00, 0.00, 0.69, 0.32
HSL	60°, 52%, 45%
HSV	60°, 69%, 68%
XYZ	32.8430, 39.0377, 9.2941
YIQ	159.4340, 38.1990, -37.0090

Conversions

Conversions Part 2

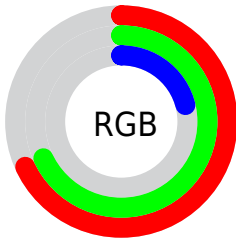
Format	Color
RYB	54, 173, 54
Decimal	11382070
CIELab	68.78, -14.56, 58.11
CIELCh	69, 59.907, 104.068
Yxy	39.0377, 0.4046, 0.4809
Android (android.graphics.Color)	4289572150 (0xFFADAD36)
YUV	159.4340, -51.9790, 11.8974
Hunter-Lab	62.4802, -15.5109, 34.9166

Details

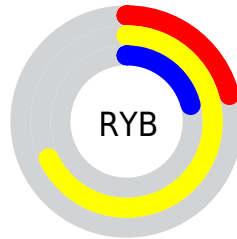
The XYZ color **32.8430, 39.0377, 9.2941** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10.3845, 6.4406, 40.2334**, and the grayscale version is **33.3732, 35.1112, 38.2361**.

A 20% lighter version of the original color is **63.4052, 73.5584, 25.0437**, and **14.1735, 17.4567, 2.6224** is the 20% darker color. If you saturate the color by 10%, you get **32.5071, 38.9048, 7.5221**, and if you desaturate by 10%, it is **33.3253, 39.2321, 11.8288**.

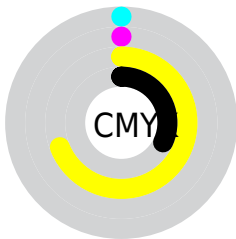
Distribution



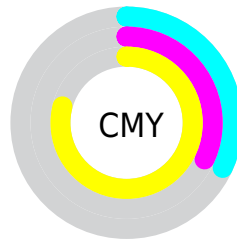
- Red (68%)
- Green (68%)
- Blue (21%)



- Red (21%)
- Yellow (68%)
- Blue (21%)



- Cyan (0%)
- Magenta (0%)
- Yellow (69%)
- Black (32%)





- Cyan (32%)
- Magenta (32%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8430, 39.0377, 9.2941 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 32.8430, 39.0377, 9.2941 by changing the saturation by 10% instead.


 32.8430, 39.0377,
9.2941


 32.8430, 39.0377,
9.2941


306.6192,
342.0507, 195.8551

 22.1649, 26.7891,
4.8341


 63.4867, 73.6959,
25.0457


 14.0954, 17.4149,
2.0932


 84.1829, 96.8743,
37.1744


 8.2692, 10.5307,
0.6117


 108.9492,
124.4646, 52.6965

 4.3209, 5.7522,
0.0000

 138.1509,
156.8514, 72.0303

 1.8852, 2.6950,
0.0000

 172.1534,
194.4191, 95.5946

 0.5682, 0.9747,
0.0000

 211.3221,

 0.0000, 0.0000,

237.5519, 123.8078

0.0000

256.0222,
286.6343, 157.0884

■ 32.8430, 39.0377,
9.2941

■ 32.8430, 39.0377,
9.2941

■ 32.5071, 38.9048,
7.5221

■ 33.3253, 39.2321,
11.8288

■ 32.2986, 38.8214,
6.4253

■ 33.9649, 39.4880,
15.1963

■ 32.1890, 38.7775,
5.8487

■ 34.7751, 39.8120,
19.4617

■ 32.1774, 38.7729,
5.7880

■ 35.7667, 40.2087,
24.6826

■ 36.9499, 40.6820,
30.9123

■ 38.3339, 41.2356,
38.1997

■ 39.9276, 41.8731,
46.5909

■ 41.7390, 42.5977,
56.1290

■ 43.7760, 43.4125,
66.8549

Harmonies

Analogous

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



42.3421, 39.0377, 9.4548



32.8430, 39.0377, 9.2941



25.8045, 39.0377, 14.9271

Triad

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



32.8430, 39.0377, 9.2941



25.4763, 39.0377, 90.1992



57.5629, 39.0377, 58.5257

Complementary

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



32.8430, 39.0377, 9.2941



10.3845, 6.4406, 40.2334

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.



51.2980, 39.0377, 92.1996



32.8430, 39.0377, 9.2941



32.3171, 39.0377, 115.1660

Square

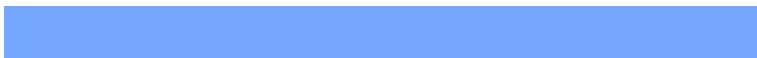
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.8430, 39.0377, 9.2941



22.0688, 39.0377, 56.5160



41.7188, 39.0377, 116.0236



57.7691, 39.0377, 31.0258

Rectangle

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



32.8430, 39.0377, 9.2941



22.9939, 39.0377, 23.5025



41.7188, 39.0377, 116.0236



56.0533, 39.0377, 69.7006

Sweetspot

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



32.8439, 39.0395, 9.2949



65.5906, 72.6229, 52.3000



19.2200, 11.7899, 4.7533



14.1298, 15.7328, 10.7104



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.8439, 39.0395, 9.2949



57.9776, 69.5774, 12.2203



22.4856, 33.6996, 8.8101



8.6627, 9.3302, 8.5577



23.6377, 28.4828, 4.2519



0.6576, 0.7924, 0.1183

Inverse Universe

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



10.3845, 6.4406, 40.2334



15.0118, 7.2143, 71.4071



15.7378, 9.2003, 40.4839



7.5790, 7.7573, 10.0505



5.5414, 2.2166, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 32.8430, 39.0377, 9.2941 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 32.8430, 39.0377, 9.2941 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 32.8430, 39.0377, 9.2941

Background



This preview shows how black text looks on a background with the XYZ color 32.8430, 39.0377, 9.2941.



This preview shows how white text looks on a background with the XYZ color 32.8430, 39.0377,

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

32.8430, 39.0377, 9.2941

Protanopia

35.3843, 38.9537, 9.0220

Deuteranopia

39.4820, 38.6674, 9.5203



Tritanopia

40.3275, 39.0870, 45.4635

Trichromacy



Original Color

32.8430, 39.0377, 9.2941

Protanomaly

34.5458, 39.0738, 9.0894

Deuteranomaly

36.7789, 38.5821, 9.3795

Tritanomaly

36.4879, 38.5874, 26.6441

Monochromacy



Original Color

32.8430, 39.0377, 9.2941

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.0365, 35.8239, 23.3154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8430, 39.0377, 9.2941 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(173, 173, 54)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 54)  
}
```

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(173, 173, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 54) }
```

Border

The CSS property to change the border of an element to XYZ 32.8430, 39.0377, 9.2941 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(173, 173, 54) }
```


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

```
.border{ border-color:rgb(173, 173, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 54);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8430, 39.0377, 9.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 54) }
```

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

```
.background{ background-color: rgb(173,  
173, 54) }
```

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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