

Converting Colors

XYZ(30.0261, 43.8515, 7.9557)

Have a look what the booklet for
XYZ(30.0261, 43.8515, 7.9557)
contains.

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Color

**XYZ(29.9270, 43.7127,
7.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC11C
RGB	139, 193, 28
RGB Percent	55%, 76%, 11%
CMY	0.4549, 0.2431, 0.8902
CMYK	0.28, 0.00, 0.85, 0.24
HSL	80°, 75%, 43%
HSV	80°, 85%, 76%
XYZ	29.9270, 43.7127, 7.9587
YIQ	158.0440, 20.7810, -62.7630

Conversions

Conversions Part 2

Format	Color
R _Y B	28, 193, 82
Decimal	9158940
CIE Lab	72.04, -39.31, 68.16
CIE LCh	72, 78.686, 119.972
Yxy	43.7127, 0.3668, 0.5357
Android (android.graphics.Color)	4287349020 (0xFF8BC11C)
YUV	158.0440, -64.1117, -16.7016
Hunter-Lab	66.1156, -34.9048, 39.1438

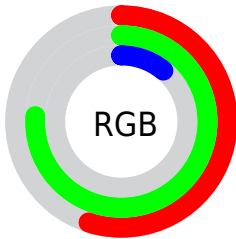
Details

The XYZ color **29.9270, 43.7127, 7.9587** is a dark color, and the websafe version is hex **99CC33**.

The color can be described as dark washed chartreuse. A complement of this color would be **13.5226, 6.4759, 50.9919**, and the grayscale version is **32.7960, 34.5040, 37.5748**.

A 20% lighter version of the original color is **59.0999, 80.9969, 22.4166**, and **12.7123, 20.2591, 3.2404** is the 20% darker color. If you saturate the color by 10%, you get **28.7414, 43.1216, 7.0586**, and if you desaturate by 10%, it is **31.3232, 44.3981, 9.6411**.

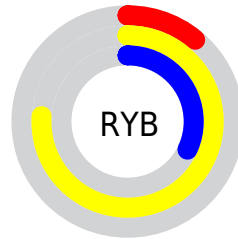
Distribution



Red (55%)

Green (76%)

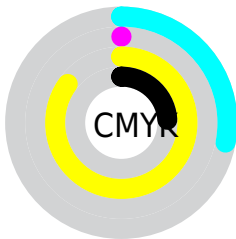
Blue (11%)



Red (11%)

Yellow (76%)

Blue (32%)

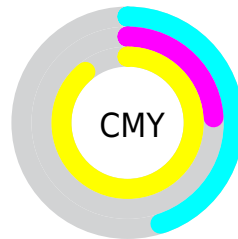


Cyan (28%)

Magenta (0%)

Yellow (85%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9270, 43.7127, 7.9587 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 29.9270, 43.7127, 7.9587 by changing the saturation by 10% instead.

■ 29.9270, 43.7127,
7.9587

■ 29.9270, 43.7127,
7.9587

293.4800,
361.5346, 185.3302

■ 19.9310, 30.4447,
3.9811

■ 58.9341, 80.7853,
22.4223

■ 12.4529, 20.1764,
1.6150

■ 78.6760, 105.3586,
33.7454

■ 7.1273, 12.5233,
0.3015

■ 102.3971,
134.4692, 48.3540

■ 3.5889, 7.1011,
0.0000

■ 130.4629,
168.5014, 66.6669

■ 1.4723, 3.5254,
0.0000

■ 163.2388,
207.8397, 89.1023

■ 0.3069, 1.4118,
0.0000

■ 201.0900,

■ 0.0000, 0.2254,

252.8684, 116.0790

0.0000

244.3819,
303.9719, 148.0155

■ 0.0000, 0.0000,
0.0000

■ 29.9270, 43.7127,
7.9587

■ 29.9270, 43.7127,
7.9587

■ 28.7414, 43.1216,
7.0586

■ 31.3232, 44.3981,
9.6411

■ 28.2510, 42.8743,
6.7866

■ 32.9529, 45.1826,
12.2335

■ 34.8380, 46.0765,
15.8429

■ 36.9970, 47.0872,
20.5605

■ 39.4460, 48.2216,
26.4677

■ 42.2001, 49.4855,
33.6380

■ 45.2728, 50.8846,
42.1390

■ 48.6771, 52.4241,
52.0336

■ 52.4250, 54.1089,
63.3806

Harmonies

Analogous

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



41.5603, 43.7127, 5.3165



29.9270, 43.7127, 7.9587



22.9476, 43.7127, 19.3322

Triad

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



29.9270, 43.7127, 7.9587



29.9093, 43.7127, 144.7479



73.1235, 43.7127, 47.6321

Complementary

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



29.9270, 43.7127, 7.9587



13.5226, 6.4759, 50.9919

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.



68.1823, 43.7127, 95.0782



29.9270, 43.7127, 7.9587



41.5349, 43.7127, 166.6202

Square

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



29.9270, 43.7127, 7.9587



22.9390, 43.7127, 94.9783



55.8434, 43.7127, 144.8243



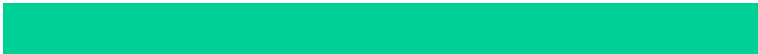
68.1999, 43.7127, 19.3668

Rectangle

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



29.9270, 43.7127, 7.9587



20.9397, 43.7127, 35.8348



55.8434, 43.7127, 144.8243



72.5494, 43.7127, 61.6837

Sweetspot

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



29.9280, 43.7146, 7.9596



75.0998, 88.4065, 58.9640



25.0907, 17.1971, 3.0962



15.7324, 18.7925, 11.6478



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.9280, 43.7146, 7.9596



50.3252, 76.6454, 12.1416



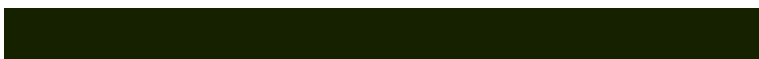
21.0407, 39.1330, 7.5437



10.5826, 11.5878, 10.7408



18.8763, 28.5599, 4.5177



0.8855, 1.2701, 0.1985

Inverse Universe

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



13.5226, 6.4759, 50.9919



20.7016, 8.6805, 90.9447



25.0958, 12.4422, 51.5335



9.8319, 9.9045, 12.6784



7.8486, 3.3065, 33.7812



0.4127, 0.1808, 1.4630

Previews

White Background



This preview shows how the XYZ color 29.9270, 43.7127, 7.9587 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 29.9270, 43.7127, 7.9587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

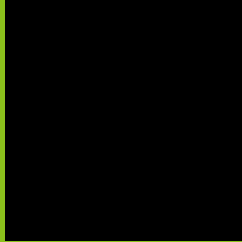
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.9270, 43.7127, 7.9587

Background



This preview shows how black text looks on a background with the XYZ color 29.9270, 43.7127, 7.9587.



This preview shows how white text looks on a background with the XYZ color 29.9270, 43.7127,

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

29.9270, 43.7127, 7.9587

Protanopia

38.9687, 43.1183, 7.0794

Deuteranopia

44.1112, 43.1990, 8.4960



Tritanopia

39.9635, 43.7057, 57.3687

Trichromacy



Original Color

29.9270, 43.7127, 7.9587

Protanomaly

35.0349, 42.8732, 7.3485

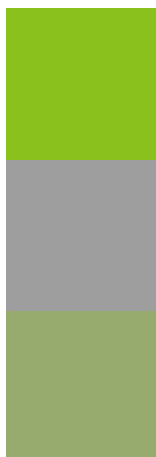
Deuteranomaly

37.3774, 42.2735, 8.1091

Tritanomaly

34.2297, 42.9032, 29.0313

Monochromacy



Original Color

29.9270, 43.7127, 7.9587

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.1947, 36.8528, 20.5608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9270, 43.7127, 7.9587 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(139, 193, 28)` looks like.

```
.text, #text, p{  
    color:rgb(139, 193, 28)  
}
```

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(139, 193, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 193, 28) }
```

Border

The CSS property to change the border of an element to XYZ 29.9270, 43.7127, 7.9587 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(139, 193, 28) }
```


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

```
.border{ border-color:rgb(139, 193, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 193, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 193, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 193, 28);  
box-shadow:4px 4px 4px 4px rgb(139, 193,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9270, 43.7127, 7.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 193, 28) }
```

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

```
.background{ background-color: rgb(139,  
193, 28) }
```

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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