

Converting Colors

XYZ(76.3914, 81.8931, 29.3646)

Have a look what the booklet for
XYZ(76.3914, 81.8931, 29.3646)
contains.

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Color

**XYZ(73.4264, 80.3051,
29.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE877
RGB	255, 232, 119
RGB Percent	100%, 91%, 47%
CMY	0.0000, 0.0902, 0.5333
CMYK	0.00, 0.09, 0.53, 0.00
HSL	50°, 100%, 73%
HSV	50°, 53%, 100%
XYZ	73.4264, 80.3051, 29.0832
YIQ	225.9950, 49.9810, -30.2670

Conversions

Conversions Part 2

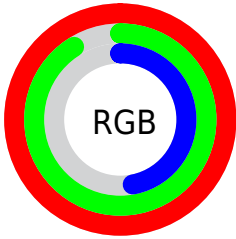
Format	Color
RYB	147, 255, 119
Decimal	16771191
CIELab	91.82, -5.96, 57.10
CIELCh	92, 57.408, 95.964
Yxy	80.3051, 0.4016, 0.4393
Android (android.graphics.Color)	4294961271 (0xFFFFE877)
YUV	225.9950, -52.7485, 25.4374
Hunter-Lab	89.6131, -10.5652, 43.4871

Details

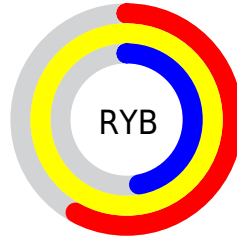
The XYZ color **73.4264, 80.3051, 29.0832** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.3306, 30.4870, 98.6299**, and the grayscale version is **72.6310, 76.4135, 83.2143**.

A 20% lighter version of the original color is **84.6400, 95.8360, 54.0816**, and **39.4705, 43.5734, 11.4844** is the 20% darker color. If you saturate the color by 10%, you get **70.8977, 77.3785, 21.6720**, and if you desaturate by 10%, it is **76.3995, 83.4631, 38.6709**.

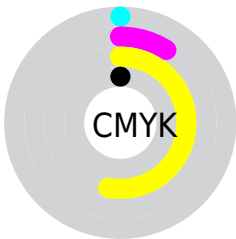
Distribution



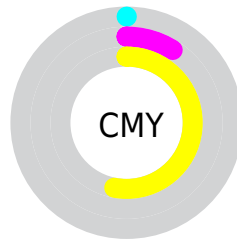
- Red (100%)
- Green (91%)
- Blue (47%)



- Red (58%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4264, 80.3051, 29.0832 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 73.4264, 80.3051, 29.0832 by changing the saturation by 10% instead.


 73.4264, 80.3051,
29.0832

 73.4264, 80.3051,
29.0832


461.5723,
495.9604, 311.6805


 54.6143, 59.9695,
18.8976


 123.0822,
133.7946, 59.2530

 39.3256, 43.3940,
11.4203


 154.6567,
167.7172, 80.0743

 27.1950, 30.1944,
6.2326


 191.2160,
206.9377, 105.2780

 17.8571, 19.9862,
2.9159

233.1254,
251.8403, 135.2826

 10.9465, 12.3850,
1.0519

280.7504,
302.8095, 170.5066

 6.0979, 7.0064,
0.0000

334.4563,

 2.9459, 3.4661,

360.2296, 211.3686

0.0000

394.6085,
424.4852, 258.2870

■ 1.1252, 1.3797,
0.0000

■ 0.0461, 0.2017,
0.0000

■ 73.4264, 80.3051,
29.0832

■ 73.4264, 80.3051,
29.0832

■ 70.8977, 77.3785,
21.6720

■ 76.3995, 83.4631,
38.6709

■ 68.7738, 74.6581,
16.2550


■ 79.8415, 86.8536,
50.5881


■ 67.0173, 72.1317,
12.6286

■ 83.7816, 90.4917,
64.9794

■ 65.5808, 69.7799,
10.5428

■ 88.2450, 94.3877,
81.9764

 64.7550, 68.2902,
9.7684

 93.2551, 98.5513,
101.7014

95.0499, 99.9999,
108.9000

Harmonies

Analogous

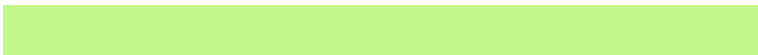
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4378, 80.3051, 32.3607



73.4264, 80.3051, 29.0832



60.8925, 80.3051, 36.8959

Triad

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



73.4264, 80.3051, 29.0832



55.6467, 80.3051, 144.1601



105.1836, 80.3051, 124.7577

Complementary

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



73.4264, 80.3051, 29.0832



35.3306, 30.4870, 98.6299

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.



94.1726, 80.3051, 170.7570



73.4264, 80.3051, 29.0832



65.3767, 80.3051, 184.2468

Square

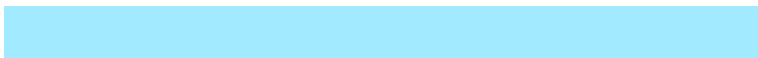
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4264, 80.3051, 29.0832



51.5104, 80.3051, 96.1279



79.3042, 80.3051, 195.2847



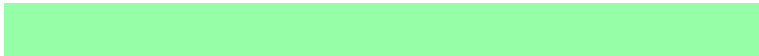
108.0571, 80.3051, 79.2894

Rectangle

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



73.4264, 80.3051, 29.0832



55.2058, 80.3051, 49.4836



79.3042, 80.3051, 195.2847



102.2479, 80.3051, 141.0675

Sweetspot

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



73.4283, 80.3089, 29.0848



87.0019, 93.3227, 77.1799



52.8662, 36.4660, 30.6121



18.4223, 19.8017, 15.7556



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

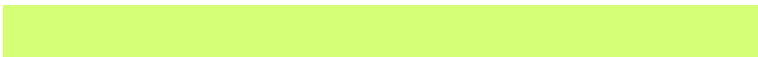
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4283, 80.3089, 29.0848



70.7437, 77.1906, 21.2501



66.2222, 86.8390, 30.7251



19.2845, 20.5371, 19.0920



33.9323, 35.8759, 5.1363



3.3699, 3.6253, 0.5221

Inverse Universe

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



35.3306, 30.4870, 98.6299



29.0873, 22.7723, 97.4702



39.5614, 28.1030, 97.9468



17.2511, 17.8739, 22.7907



9.9571, 4.8238, 49.8409



1.0355, 0.6016, 4.8748

Previews

White Background



This preview shows how the XYZ color 73.4264, 80.3051, 29.0832 looks on a white background.

Color Contrast Check

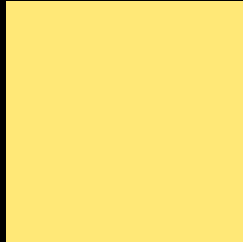
Large Text (above 18pt) WCAG AA × Fail

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 73.4264, 80.3051, 29.0832 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 73.4264, 80.3051, 29.0832

Background



This preview shows how black text looks on a background with the XYZ color 73.4264, 80.3051, 29.0832.



This preview shows how white text looks on a background with the XYZ color 73.4264, 80.3051,

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

73.4264, 80.3051, 29.0832

Protanopia

73.7347, 80.4285, 30.7068

Deuteranopia

78.5594, 80.1383, 62.9575



Tritanopia

82.6231, 80.0335, 89.6906

Trichromacy



Original Color

73.4264, 80.3051, 29.0832

Protanomaly

73.6095, 80.3784, 30.0473



Deuteranomaly

76.2344, 80.0886, 47.9999



Tritanomaly

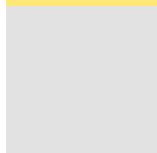
78.0620, 79.5030, 61.6834

Monochromacy



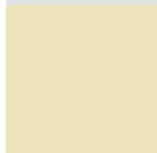
Original Color

73.4264, 80.3051, 29.0832



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

71.6381, 77.0792, 58.1157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4264, 80.3051, 29.0832 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(255, 232, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 119)  
}
```

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(255, 232, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 119) }
```

Border

The CSS property to change the border of an element to XYZ 73.4264, 80.3051, 29.0832 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(255, 232, 119) }
```


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

```
.border{ border-color:rgb(255, 232, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4264, 80.3051, 29.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 119) }
```

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

```
.background{ background-color: rgb(255,  
232, 119) }
```

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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