

Converting Colors

XYZ(39.3081, 73.1408, 21.4970)

Have a look what the booklet for
XYZ(39.3081, 73.1408, 21.4970)
contains.

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Color

**XYZ(39.3081, 73.1408,
21.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	3AFF59
RGB	58, 255, 89
RGB Percent	23%, 100%, 35%
CMY	0.7725, 0.0000, 0.6510
CMYK	0.77, 0.00, 0.65, 0.00
HSL	129°, 100%, 61%
HSV	129°, 77%, 100%
XYZ	39.3081, 73.1408, 21.4970
YIQ	177.1730, -64.1260, -93.3900

Conversions

Conversions Part 2

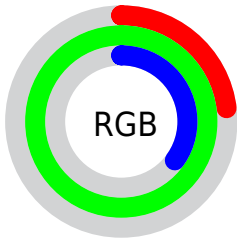
Format	Color
RYB	58, 228, 255
Decimal	3866457
CIELab	88.51, -77.97, 63.74
CIELCh	89, 100.711, 140.735
Yxy	73.1408, 0.2935, 0.5460
Android (android.graphics.Color)	4282056537 (0xFF3AFF59)
YUV	177.1730, -43.4693, -104.5147
Hunter-Lab	85.5224, -67.6214, 44.9625

Details

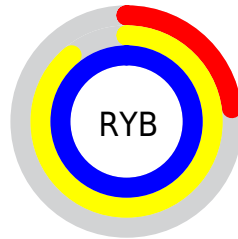
The XYZ color **39.3081, 73.1408, 21.4970** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **56.2072, 29.6679, 73.2826**, and the grayscale version is **42.1268, 44.3207, 48.2652**.

A 20% lighter version of the original color is **50.8625, 78.7152, 39.3009**, and **20.1527, 40.0071, 7.6373** is the 20% darker color. If you saturate the color by 10%, you get **37.4001, 72.2467, 17.3659**, and if you desaturate by 10%, it is **42.2131, 74.5184, 27.0513**.

Distribution



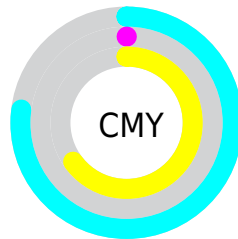
- Red (23%)
- Green (100%)
- Blue (35%)



- Red (23%)
- Yellow (89%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3081, 73.1408, 21.4970 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 39.3081, 73.1408, 21.4970 by changing the saturation by 10% instead.

39.3081, 73.1408,
21.4970

39.3081, 73.1408,
21.4970

334.3833,
471.5027, 272.7754

27.1813, 54.0911,
13.2930

73.3998, 123.6771,
46.8047

17.8467, 38.6745,
7.4975

96.0954, 155.9324,
64.7455

10.9390, 26.5066,
3.6920

123.0447,
193.3585, 86.7690

6.0928, 17.2030,
1.4580

154.6130,
236.3396, 113.2936

2.9428, 10.3793,
0.1863

191.1656,
285.2602, 144.7381

1.1236, 5.6512,
0.0000

233.0680,

0.0447, 2.6342,

340.5046, 181.5208

0.0000

280.6854,
402.4573, 224.0604

■ 0.0000, 0.9439,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3081, 73.1408,
21.4970

■ 39.3081, 73.1408,
21.4970

■ 37.4001, 72.2467,
17.3659

■ 42.2131, 74.5184,
27.0513


■ 36.3414, 71.7627,
14.5242


■ 46.2303, 76.4367,
34.1394


■ 36.1452, 71.6741,
13.9487

■ 51.4600, 78.9450,
42.8647

■ 57.9907, 82.0870,
53.3209

 65.9027, 85.9024,
65.5945

 75.2697, 90.4272,
79.7661

 86.1600, 95.6953,
95.9115

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



54.2830, 73.1408, 8.6602



39.3081, 73.1408, 21.4970



32.9089, 73.1408, 60.0173

Triad

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



39.3081, 73.1408, 21.4970



62.2790, 73.1408, 297.4805



122.8734, 73.1408, 41.1001

Complementary

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



39.3081, 73.1408, 21.4970



56.2072, 29.6679, 73.2826

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.



126.4330, 73.1408, 103.1269



39.3081, 73.1408, 21.4970



87.3664, 73.1408, 281.1591

Square

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



39.3081, 73.1408, 21.4970



43.9882, 73.1408, 234.2044



112.2240, 73.1408, 197.5642



103.3982, 73.1408, 14.5390

Rectangle

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



39.3081, 73.1408, 21.4970



33.0353, 73.1408, 107.1898



112.2240, 73.1408, 197.5642



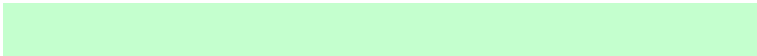
126.1236, 73.1408, 57.2648

Sweetspot

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



39.3084, 73.1409, 21.4982



69.7057, 87.7386, 71.3869



67.7157, 87.9055, 17.4017



14.2250, 18.4441, 14.2222



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.



39.3084, 73.1409, 21.4982



36.7004, 71.9246, 15.5847



46.3733, 75.9669, 58.7015



17.8881, 20.2148, 19.7137



18.9210, 37.4650, 7.4691



1.8743, 3.6606, 0.8959

Inverse Universe

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



56.2072, 29.6679, 73.2826



54.0666, 26.7329, 68.4190



46.5807, 25.8173, 22.5901



18.6626, 18.2484, 22.1064



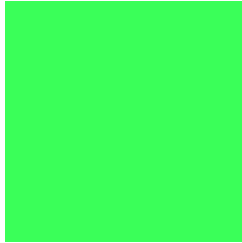
27.9952, 13.6874, 34.9546



2.7574, 1.3453, 3.5696

Previews

White Background



This preview shows how the XYZ color 39.3081, 73.1408, 21.4970 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 39.3081, 73.1408, 21.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

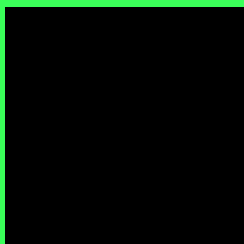
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3081, 73.1408, 21.4970

Background



This preview shows how black text looks on a background with the XYZ color 39.3081, 73.1408, 21.4970.

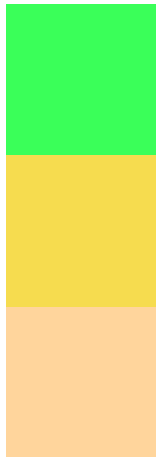


This preview shows how white text looks on a background with the XYZ color 39.3081, 73.1408,

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

39.3081, 73.1408, 21.4970

Protanopia

65.0105, 71.3437, 17.7414

Deuteranopia

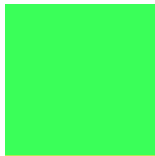
71.0350, 71.2488, 41.4609



Tritanopia

57.2363, 72.3776, 105.5613

Trichromacy



Original Color

39.3081, 73.1408, 21.4970



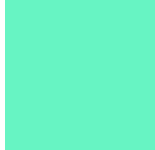
Protanomaly

49.0603, 68.3673, 18.7941



Deuteranomaly

51.4367, 67.2200, 32.0936



Tritanomaly

47.7945, 71.5251, 62.9164

Monochromacy



Original Color

39.3081, 73.1408, 21.4970



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

36.7737, 50.7753, 34.6505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3081, 73.1408, 21.4970 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(58, 255, 89)` looks like.

```
.text, #text, p{  
    color:rgb(58, 255, 89)  
}
```

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(58, 255, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 255, 89) }
```

Border

The CSS property to change the border of an element to XYZ 39.3081, 73.1408, 21.4970 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(58, 255, 89) }
```


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

```
.border{ border-color:rgb(58, 255, 89) }
```

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

Here you see how a box with a 4 pixel rgb(58, 255, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 255, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 255, 89);  
box-shadow:4px 4px 4px 4px rgb(58, 255,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3081, 73.1408, 21.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 255, 89) }
```

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

```
.background{ background-color: rgb(58, 255,  
89) }
```

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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