

Converting Colors

XYZ(39.1322, 69.2545, 31.9435)

Have a look what the booklet for
XYZ(39.1322, 69.2545, 31.9435)
contains.

XYZ(39.0268, 69.0363, 32.0373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.0268, 69.0363,
32.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	3BF781
RGB	59, 247, 129
RGB Percent	23%, 97%, 51%
CMY	0.7686, 0.0314, 0.4941
CMYK	0.76, 0.00, 0.48, 0.03
HSL	142°, 92%, 60%
HSV	142°, 76%, 97%
XYZ	39.0268, 69.0363, 32.0373
YIQ	177.3360, -74.1700, -76.5540

Conversions

Conversions Part 2

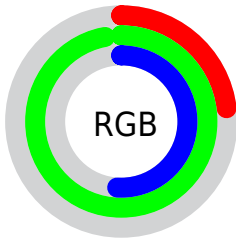
Format	Color
R_{YB}	59, 196, 247
Decimal	3929985
CIE _{Lab}	86.52, -70.27, 43.74
CIE _{LCh}	87, 82.774, 148.102
Yxy	69.0363, 0.2786, 0.4928
Android (android.graphics.Color)	4282120065 (0xFF3BF781)
YUV	177.3360, -23.8296, -103.7807
Hunter-Lab	83.0881, -61.5620, 35.3005

Details

The XYZ color **39.0268, 69.0363, 32.0373** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **47.8595, 26.0776, 44.1078**, and the grayscale version is **42.1176, 44.3110, 48.2547**.

A 20% lighter version of the original color is **53.9801, 79.9254, 57.3819**, and **19.5372, 36.9310, 13.1199** is the 20% darker color. If you saturate the color by 10%, you get **36.9406, 68.0729, 26.9631**, and if you desaturate by 10%, it is **41.9646, 70.4244, 37.9706**.

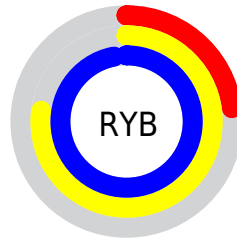
Distribution



Red (23%)

Green (97%)

Blue (51%)



Red (23%)

Yellow (77%)

Blue (97%)

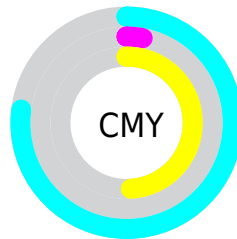


Cyan (76%)

Magenta (0%)

Yellow (48%)

Black (3%)



Cyan (77%)


Magenta (3%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0268, 69.0363, 32.0373 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 39.0268, 69.0363, 32.0373 by changing the saturation by 10% instead.


 39.0268, 69.0363,
32.0373


 39.0268, 69.0363,
32.0373


333.2096,
457.1590, 325.7871

 26.9614, 50.7413,
21.1249


 72.9731, 117.8334,
63.9681


 17.6807, 36.0027,
13.0232


 95.5846, 149.1043,
85.8237

 10.8193, 24.4363,
7.3136


 122.4423,
185.4693, 112.1641

 6.0118, 15.6576,
3.5776

 153.9114,
227.3127, 143.4078

 2.8930, 9.2822,
1.3966

190.3574,
275.0190, 179.9734

 1.0974, 4.9257,
0.1391

232.1455,

 0.0230, 2.2037,

328.9725, 222.2795

0.0000

279.6411,
389.5577, 270.7445

■ 0.0000, 0.7220,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.0268, 69.0363,
32.0373

■ 39.0268, 69.0363,
32.0373

■ 36.9406, 68.0729,
26.9631

■ 41.9646, 70.4244,
37.9706


■ 35.5867, 67.4679,
22.7014


■ 45.8416, 72.2761,
44.7969


■ 35.1925, 67.2963,
21.2530


■ 50.7397, 74.6345,
52.5541


■ 56.7300, 77.5358,
61.2760

 63.8768, 81.0124,
70.9949

 72.2395, 85.0943,
81.7415

 81.8733, 89.8094,
93.5451

 92.2366, 94.8780,
106.4061

 92.5521, 95.0042,
108.0674

Harmonies

Analogous

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



49.7357, 69.0363, 15.1980



39.0268, 69.0363, 32.0373



35.2332, 69.0363, 71.7254

Triad

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



39.0268, 69.0363, 32.0373



64.4033, 69.0363, 237.8137



103.8128, 69.0363, 35.5919

Complementary

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



39.0268, 69.0363, 32.0373



47.8595, 26.0776, 44.1078

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.



109.7989, 69.0363, 78.7206



39.0268, 69.0363, 32.0373



84.5631, 69.0363, 212.0963

Square

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



39.0268, 69.0363, 32.0373



47.9980, 69.0363, 205.1893



102.1635, 69.0363, 145.9149



87.0927, 69.0363, 16.4349

Rectangle

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



39.0268, 69.0363, 32.0373



36.4390, 69.0363, 112.9856



102.1635, 69.0363, 145.9149



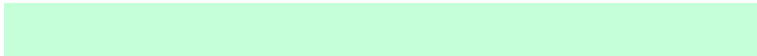
107.2747, 69.0363, 46.9001

Sweetspot

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



39.0285, 69.0391, 32.0389



71.2956, 88.3745, 79.7589



52.4278, 76.3133, 16.1047



14.6024, 18.5951, 16.2091



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.



39.0285, 69.0391, 32.0389



38.8915, 72.8133, 26.5721



48.2423, 72.7246, 80.5579



16.5374, 18.5741, 18.8481



18.6744, 35.6146, 11.5711



1.6893, 3.1494, 1.2697

Inverse Universe

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



47.8595, 26.0776, 44.1078



48.6692, 24.7203, 39.5450



41.5263, 23.5443, 10.7576



16.9367, 16.6575, 19.4131



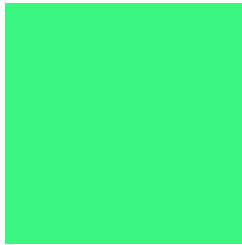
23.4876, 11.7385, 17.8078



2.1139, 1.0515, 1.8264

Previews

White Background



This preview shows how the XYZ color 39.0268, 69.0363, 32.0373 looks on a white background.

Color Contrast Check

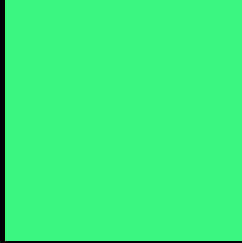
Large Text (above 18pt) WCAG AA × Fail

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 39.0268, 69.0363, 32.0373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

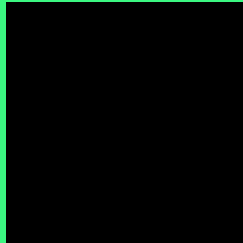
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

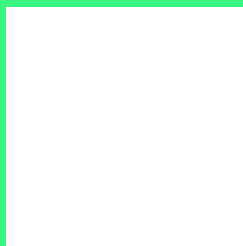
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0268, 69.0363, 32.0373

Background



This preview shows how black text looks on a background with the XYZ color 39.0268, 69.0363, 32.0373.



This preview shows how white text looks on a background with the XYZ color 39.0268, 69.0363, 32.0373.

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

39.0268, 69.0363, 32.0373

Protanopia

62.1034, 67.7181, 26.6273

Deuteranopia

68.5778, 67.5092, 37.0199



Tritanopia

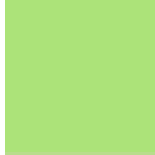
52.8939, 68.4942, 102.5284

Trichromacy



Original Color

39.0268, 69.0363, 32.0373



Protanomaly

47.9335, 65.0893, 28.1263



Deuteranomaly

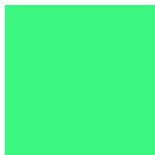
50.3572, 63.7967, 34.4708



Tritanomaly

46.0535, 67.8277, 69.6963

Monochromacy



Original Color

39.0268, 69.0363, 32.0373



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

37.2972, 49.8475, 40.9135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0268, 69.0363, 32.0373 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(59, 247, 129)` looks like.

```
.text, #text, p{  
    color:rgb(59, 247, 129)  
}
```

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(59, 247, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 247, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.0268, 69.0363, 32.0373 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(59, 247, 129) }
```


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

```
.border{ border-color:rgb(59, 247, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 247, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 247, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 247, 129);  
box-shadow:4px 4px 4px 4px rgb(59, 247,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0268, 69.0363, 32.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 247, 129) }
```

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

```
.background{ background-color: rgb(59, 247,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor