

Converting Colors

XYZ(39.7459, 73.1455, 31.5026)

Have a look what the booklet for
XYZ(39.7459, 73.1455, 31.5026)
contains.

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Color

**XYZ(39.7302, 73.1391,
31.4253)**

Conversions

Conversions Part 1

Format	Color
Hex	13FF7D
RGB	19, 255, 125
RGB Percent	7%, 100%, 49%
CMY	0.9255, 0.0000, 0.5098
CMYK	0.93, 0.00, 0.51, 0.00
HSL	147°, 100%, 54%
HSV	147°, 93%, 100%
XYZ	39.7302, 73.1391, 31.4253
YIQ	169.6160, -98.9260, -90.4620

Conversions

Conversions Part 2

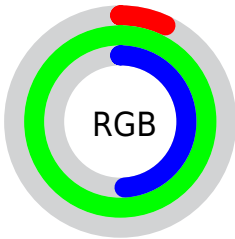
Format	Color
RYB	19, 182, 255
Decimal	1310589
CIELab	88.51, -76.64, 48.03
CIELCh	89, 90.445, 147.928
Yxy	73.1391, 0.2753, 0.5069
Android (android.graphics.Color)	4279500669 (0xFF13FF7D)
YUV	169.6160, -21.9957, -132.0902
Hunter-Lab	85.5214, -66.7377, 38.0786

Details

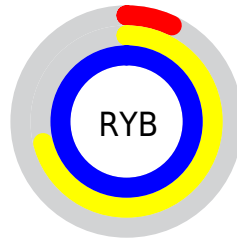
The XYZ color **39.7302, 73.1391, 31.4253** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **46.8982, 23.8961, 30.5764**, and the grayscale version is **38.1596, 40.1469, 43.7200**.

A 20% lighter version of the original color is **51.6060, 78.7372, 55.6579**, and **21.1360, 40.4004, 12.8150** is the 20% darker color. If you saturate the color by 10%, you get **38.8277, 72.7471, 28.0742**, and if you desaturate by 10%, it is **41.4846, 73.9324, 36.5293**.

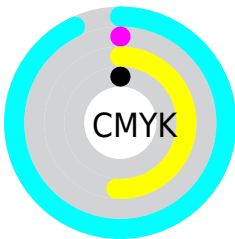
Distribution



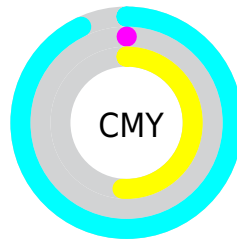
- Red (7%)
- Green (100%)
- Blue (49%)



- Red (7%)
- Yellow (71%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (93%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7302, 73.1391, 31.4253 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 39.7302, 73.1391, 31.4253 by changing the saturation by 10% instead.


 39.7302, 73.1391,
31.4253


 39.7302, 73.1391,
31.4253


336.1390,
471.4968, 322.9046

 27.5115, 54.0897,
20.6617


 74.0395, 123.6747,
62.9964


 18.0963, 38.6734,
12.6881


 96.8607, 155.9296,
84.6411


 11.1193, 26.5057,
7.0860


 123.9469,
193.3552, 110.7499

 6.2150, 17.2024,
3.4367

 155.6634,
236.3359, 141.7414

 3.0182, 10.3789,
1.3217

 192.3755,
285.2560, 178.0340

 1.1634, 5.6509,
0.0795

234.4486,

 0.0772, 2.6340,

340.4999, 220.0464

0.0000

282.2480,
402.4520, 268.1971

■ 0.0000, 0.9438,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.7302, 73.1391,
31.4253

■ 39.7302, 73.1391,
31.4253


■ 38.8277, 72.7471,
28.0742


■ 41.4846, 73.9324,
36.5293


■ 44.0442, 75.1255,
42.3583


■ 47.5207, 76.7756,
48.9435


■ 52.0064, 78.9296,
56.3125

 57.5818, 81.6286,
64.4915

 64.3189, 84.9091,
73.5052

 72.2832, 88.8046,
83.3773

 81.5353, 93.3458,
94.1303

 92.1314, 98.5613,
105.7861

Harmonies

Analogous

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



51.6924, 73.1391, 13.7269



39.7302, 73.1391, 31.4253



35.5072, 73.1391, 75.3780

Triad

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



39.7302, 73.1391, 31.4253



68.0134, 73.1391, 269.6312



113.4612, 73.1391, 35.6416

Complementary

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



39.7302, 73.1391, 31.4253



46.8982, 23.8961, 30.5764

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.



120.3165, 73.1391, 84.0515



39.7302, 73.1391, 31.4253



91.0287, 73.1391, 239.5157

Square

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



39.7302, 73.1391, 31.4253



49.5696, 73.1391, 230.5938



111.3752, 73.1391, 161.7868



94.2037, 73.1391, 15.1142

Rectangle

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



39.7302, 73.1391, 31.4253



36.8043, 73.1391, 122.5441



111.3752, 73.1391, 161.7868



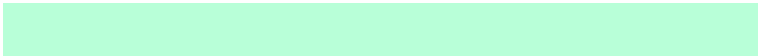
117.4485, 73.1391, 48.1337

Sweetspot

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



39.7306, 73.1393, 31.4265



67.7834, 86.6018, 77.8850



48.9649, 78.3138, 13.1518



13.8032, 18.1918, 15.7797



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.



39.7306, 73.1393, 31.4265



38.8277, 72.7471, 28.0742



51.6482, 77.9063, 94.1838



18.1107, 20.3038, 20.8858



20.3610, 38.0410, 15.0524



2.0366, 3.7256, 1.7505

Inverse Universe

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



46.8982, 23.8961, 30.5764



46.0082, 23.1673, 27.0388



41.7726, 21.8458, 3.5850



18.4281, 18.1546, 20.8717



24.1166, 12.1360, 14.5306



2.4032, 1.2037, 1.7049

Previews

White Background



This preview shows how the XYZ color 39.7302, 73.1391, 31.4253 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 39.7302, 73.1391, 31.4253 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 39.7302, 73.1391, 31.4253

Background



This preview shows how black text looks on a background with the XYZ color 39.7302, 73.1391, 31.4253.



This preview shows how white text looks on a background with the XYZ color 39.7302, 73.1391,

Color Blindness Simulation

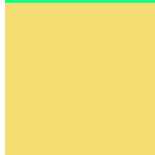
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.7302, 73.1391, 31.4253



Protanopia

65.5360, 71.4333, 25.9567



Deuteranopia

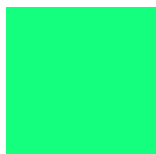
71.6451, 71.4928, 44.6737



Tritanopia

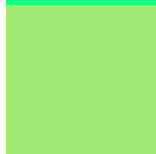
56.9367, 72.6542, 105.6305

Trichromacy



Original Color

39.7302, 73.1391, 31.4253



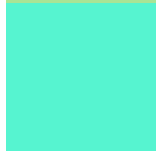
Protanomaly

47.2501, 67.2436, 27.3186



Deuteranomaly

49.5304, 66.0917, 38.5802



Tritanomaly

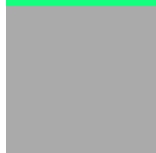
47.5736, 71.2339, 70.9166

Monochromacy



Original Color

39.7302, 73.1391, 31.4253



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

33.7896, 47.7512, 38.0079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7302, 73.1391, 31.4253 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(19, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(19, 255, 125)  
}
```

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(19, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 255, 125) }
```

Border

The CSS property to change the border of an element to XYZ 39.7302, 73.1391, 31.4253 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(19, 255, 125) }
```


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

```
.border{ border-color:rgb(19, 255, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 255, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 255, 125);  
box-shadow:4px 4px 4px 4px rgb(19, 255,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7302, 73.1391, 31.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 255, 125) }
```

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

```
.background{ background-color: rgb(19, 255,  
125) }
```

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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