

Converting Colors

XYZ(39.4540, 71.8445, 32.9528)

Have a look what the booklet for
XYZ(39.4540, 71.8445, 32.9528)
contains.

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Color

**XYZ(39.5554, 72.0689,
32.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	19FD82
RGB	25, 253, 130
RGB Percent	10%, 99%, 51%
CMY	0.9019, 0.0078, 0.4902
CMYK	0.90, 0.00, 0.49, 0.01
HSL	148°, 98%, 55%
HSV	148°, 90%, 99%
XYZ	39.5554, 72.0689, 32.9450
YIQ	170.8060, -96.4050, -86.5890

Conversions

Conversions Part 2

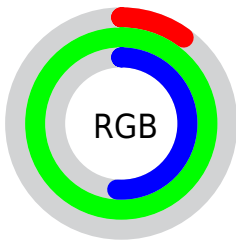
Format	Color
R_{YB}	25, 181, 253
Decimal	1703298
CIE Lab	88.00, -74.98, 45.05
CIE LCh	88, 87.472, 149.005
Yxy	72.0689, 0.2736, 0.4985
Android (android.graphics.Color)	4279893378 (0xFF19FD82)
YUV	170.8060, -20.1174, -127.8719
Hunter-Lab	84.8934, -65.3928, 36.4164

Details

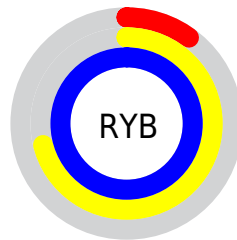
The XYZ color **39.5554, 72.0689, 32.9450** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **46.2033, 23.7174, 30.1630**, and the grayscale version is **38.7458, 40.7636, 44.3916**.

A 20% lighter version of the original color is **52.2627, 79.0159, 58.3960**, and **20.8903, 39.5803, 13.7465** is the 20% darker color. If you saturate the color by 10%, you get **38.3089, 71.5262, 28.4666**, and if you desaturate by 10%, it is **41.4647, 72.9422, 38.1404**.

Distribution



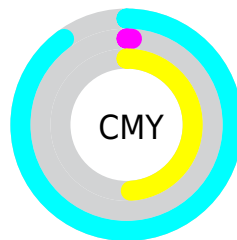
- Red (10%)
- Green (99%)
- Blue (51%)



- Red (10%)
- Yellow (71%)
- Blue (99%)



- Cyan (90%)
- Magenta (0%)
- Yellow (49%)
- Black (1%)




- Cyan (90%)
- Magenta (1%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5554, 72.0689, 32.9450 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 39.5554, 72.0689, 32.9450 by changing the saturation by 10% instead.


 39.5554, 72.0689,
32.9450


 39.5554, 72.0689,
32.9450


335.4127,
467.7814, 330.0262


 27.3747, 53.2150,
21.8135


 73.7747, 122.1545,
65.4047


 17.9929, 37.9744,
13.5230


 96.5440, 154.1549,
87.5700


 11.0445, 25.9628,
7.6547


 123.5736,
191.3063, 114.2503

 6.1643, 16.7958,
3.7902

 155.2287,
233.9930, 145.8642

 2.9869, 10.0890,
1.5110

 191.8749,
282.5995, 182.8302

 1.1468, 5.4580,
0.2261

233.8774,

 0.0637, 2.5184,

337.5101, 225.5668

0.0000

281.6015,
399.1093, 274.4927

■ 0.0000, 0.8858,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.5554, 72.0689,
32.9450

■ 39.5554, 72.0689,
32.9450


■ 38.3089, 71.5262,
28.4666


■ 41.4647, 72.9422,
38.1404


■ 44.1877, 74.2184,
44.0302


■ 47.8292, 75.9531,
50.6431


■ 52.4764, 78.1907,
58.0044

 58.2057, 80.9701,
66.1380

 65.0856, 84.3264,
75.0664

 73.1790, 88.2913,
84.8115

 82.5439, 92.8946,
95.3938

 93.2345, 98.1637,
106.8334

Harmonies

Analogous

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



50.8378, 72.0689, 14.7911



39.5554, 72.0689, 32.9450



35.7203, 72.0689, 76.4933

Triad

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



39.5554, 72.0689, 32.9450



67.8053, 72.0689, 258.4007



109.8936, 72.0689, 34.9199

Complementary

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



39.5554, 72.0689, 32.9450



46.2033, 23.7174, 30.1630

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.



116.9222, 72.0689, 80.4820



39.5554, 72.0689, 32.9450



89.8400, 72.0689, 227.8490

Square

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



39.5554, 72.0689, 32.9450



49.8555, 72.0689, 223.8141



108.9420, 72.0689, 153.7084



91.2929, 72.0689, 15.4564

Rectangle

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



39.5554, 72.0689, 32.9450



37.1511, 72.0689, 122.1234



108.9420, 72.0689, 153.7084



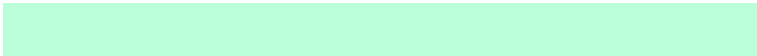
113.8366, 72.0689, 46.6999

Sweetspot

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



39.5572, 72.0718, 32.9467



68.6823, 87.0323, 79.4103



47.9546, 76.8460, 13.2254



14.1317, 18.3501, 16.2939



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.



39.5572, 72.0718, 32.9467



38.9963, 72.8145, 28.9623



51.4954, 76.8471, 95.8121



18.1195, 20.3073, 20.9324



20.4499, 38.0765, 15.5202



2.0456, 3.7291, 1.7977

Inverse Universe

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



46.2033, 23.7174, 30.1630



45.7963, 23.0825, 25.9229



41.1820, 21.7089, 3.7215



18.4192, 18.1510, 20.8246



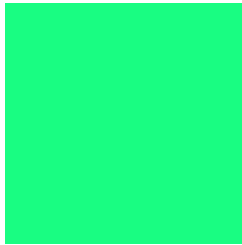
24.0058, 12.0916, 13.9471



2.3926, 1.1994, 1.6486

Previews

White Background



This preview shows how the XYZ color 39.5554, 72.0689, 32.9450 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 39.5554, 72.0689, 32.9450 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

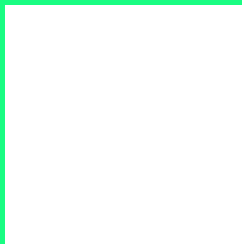
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5554, 72.0689, 32.9450

Background



This preview shows how black text looks on a background with the XYZ color 39.5554, 72.0689, 32.9450.

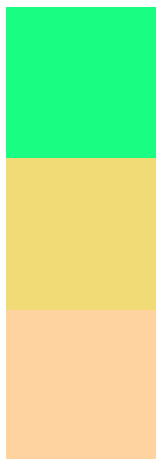


This preview shows how white text looks on a background with the XYZ color 39.5554, 72.0689,

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

39.5554, 72.0689, 32.9450

Protanopia

64.8772, 70.6718, 27.3612

Deuteranopia

70.8794, 70.3866, 43.1079



Tritanopia

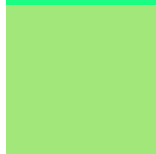
55.4044, 71.4332, 105.4756

Trichromacy



Original Color

39.5554, 72.0689, 32.9450



Protanomaly

46.9891, 66.2384, 28.7211



Deuteranomaly

49.4158, 65.2206, 38.4181



Tritanomaly

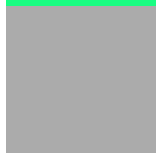
47.1631, 70.5482, 72.1042

Monochromacy



Original Color

39.5554, 72.0689, 32.9450



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

34.3586, 48.0251, 38.9114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5554, 72.0689, 32.9450 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(25, 253, 130)` looks like.

```
.text, #text, p{  
    color:rgb(25, 253, 130)  
}
```

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(25, 253, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 253, 130) }
```

Border

The CSS property to change the border of an element to XYZ 39.5554, 72.0689, 32.9450 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(25, 253, 130) }
```


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

```
.border{ border-color:rgb(25, 253, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 253, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 253, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 253, 130);  
box-shadow:4px 4px 4px 4px rgb(25, 253,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5554, 72.0689, 32.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 253, 130) }
```

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

```
.background{ background-color: rgb(25, 253,  
130) }
```

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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