

Converting Colors

XYZ(41.2782, 74.1253, 22.9955)

Have a look what the booklet for
XYZ(41.2782, 74.1253, 22.9955)
contains.

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Color

**XYZ(41.3052, 74.1401,
22.9599)**

Conversions

Conversions Part 1

Format	Color
Hex	52FF5F
RGB	82, 255, 95
RGB Percent	32%, 100%, 37%
CMY	0.6784, 0.0000, 0.6274
CMYK	0.68, 0.00, 0.63, 0.00
HSL	125°, 100%, 66%
HSV	125°, 68%, 100%
XYZ	41.3052, 74.1401, 22.9599
YIQ	185.0330, -51.7480, -86.4360

Conversions

Conversions Part 2

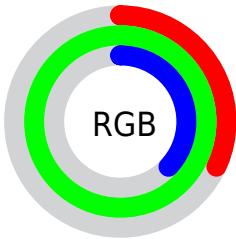
Format	Color
RYB	82, 243, 255
Decimal	5439327
CIELab	88.99, -73.81, 61.97
CIElCh	89, 96.378, 139.983
Yxy	74.1401, 0.2984, 0.5357
Android (android.graphics.Color)	4283629407 (0xFF52FF5F)
YUV	185.0330, -44.3863, -90.3599
Hunter-Lab	86.1046, -65.0550, 44.4635

Details

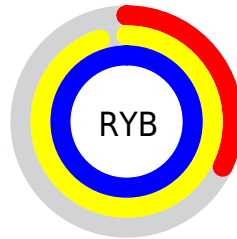
The XYZ color **41.3052, 74.1401, 22.9599** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle muted green. A complement of this color would be **60.2836, 33.7051, 87.3293**, and the grayscale version is **46.3924, 48.8084, 53.1523**.

A 20% lighter version of the original color is **54.1084, 80.3337, 41.9323**, and **20.2847, 40.0599, 8.3323** is the 20% darker color. If you saturate the color by 10%, you get **38.5699, 72.8356, 18.0583**, and if you desaturate by 10%, it is **45.1888, 75.9989, 29.6108**.

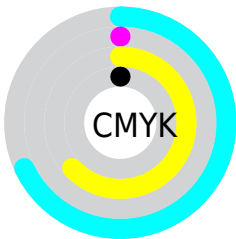
Distribution



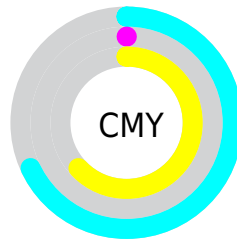
- Red (32%)
- Green (100%)
- Blue (37%)



- Red (32%)
- Yellow (95%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (68%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3052, 74.1401, 22.9599 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 41.3052, 74.1401, 22.9599 by changing the saturation by 10% instead.


 41.3052, 74.1401,
22.9599


 41.3052, 74.1401,
22.9599


342.6354,
474.9568, 280.6342

 28.7464, 54.9087,
14.3589


 76.4188, 125.0944,
49.2498


 19.0323, 39.3286,
8.2291


 99.7042, 157.5861,
67.7758

 11.7978, 27.0155,
4.1520


 127.2959,
195.2667, 90.4472

 6.6774, 17.5849,
1.7091

 159.5592,
238.5205, 117.6826

 3.3057, 10.6523,
0.3670

196.8594,
287.7321, 149.9004

 1.3174, 5.8336,
0.0000


239.5620,


 0.1962, 2.7441,


343.2857, 187.5193


0.0000


288.0322,
405.5658, 230.9577


 0.0000, 0.9997,
0.0000


 0.0000, 0.0000,
0.0000


 41.3052, 74.1401,
22.9599


 41.3052, 74.1401,
22.9599


 38.5699, 72.8356,
18.0583


 45.1888, 75.9989,
29.6108


 36.8553, 72.0234,
14.7383


 50.3282, 78.4647,
38.1512


 35.9964, 71.6225,
12.8055

 56.8196, 81.5841,
48.7109

 35.8790, 71.5676,
12.5466

 64.7492, 85.3992,
61.4074

 74.1964, 89.9484,
76.3491

 85.2346, 95.2676,
93.6372

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.



56.1746, 74.1401, 10.0679



41.3052, 74.1401, 22.9599



34.7796, 74.1401, 60.3098

Triad

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



41.3052, 74.1401, 22.9599



62.9228, 74.1401, 285.9150



121.8145, 74.1401, 44.1929

Complementary

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



41.3052, 74.1401, 22.9599



60.2836, 33.7051, 87.3293

Split Complementary

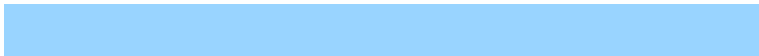
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



124.7534, 74.1401, 105.2966



41.3052, 74.1401, 22.9599



87.0009, 74.1401, 272.6556

Square

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



41.3052, 74.1401, 22.9599



45.3008, 74.1401, 225.2170



110.8787, 74.1401, 195.2649



103.5644, 74.1401, 16.7688

Rectangle

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



41.3052, 74.1401, 22.9599



34.7767, 74.1401, 105.2047



110.8787, 74.1401, 195.2649



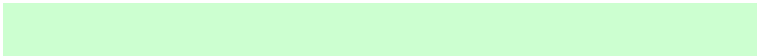
124.7603, 74.1401, 60.3733

Sweetspot

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



41.3055, 74.1402, 22.9611



72.0266, 88.9033, 72.9311



74.4064, 91.2670, 21.6773



14.8349, 18.7488, 14.6916



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.



41.3055, 74.1402, 22.9611



37.9250, 72.5293, 16.8477



47.4813, 76.6105, 55.4827



17.8270, 20.1903, 19.3918



18.7672, 37.4035, 6.6594



1.8456, 3.6492, 0.7447

Inverse Universe

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



60.2836, 33.7051, 87.3293



57.9655, 29.6709, 84.7005



50.3403, 29.7278, 34.9682



18.7303, 18.2754, 22.4627



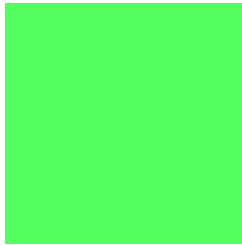
29.4720, 14.2781, 42.7315



2.8865, 1.3970, 4.2494

Previews

White Background



This preview shows how the XYZ color 41.3052, 74.1401, 22.9599 looks on a white background.

Color Contrast Check

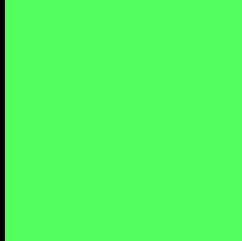
Large Text (above 18pt) WCAG AA × Fail

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 41.3052, 74.1401, 22.9599 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 41.3052, 74.1401, 22.9599

Background



This preview shows how black text looks on a background with the XYZ color 41.3052, 74.1401, 22.9599.

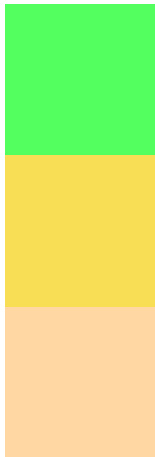


This preview shows how white text looks on a background with the XYZ color 41.3052, 74.1401,

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

41.3052, 74.1401, 22.9599

Protanopia

66.1187, 72.6726, 19.1367

Deuteranopia

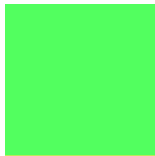
72.0620, 72.4695, 44.3724



Tritanopia

58.9816, 73.2773, 105.6430

Trichromacy



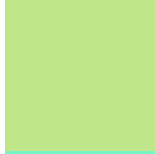
Original Color

41.3052, 74.1401, 22.9599



Protanomaly

51.7195, 70.1317, 20.2621



Deuteranomaly

54.6225, 69.6351, 34.6068



Tritanomaly

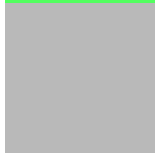
49.8999, 72.5841, 64.2035

Monochromacy



Original Color

41.3052, 74.1401, 22.9599



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

40.9268, 54.6561, 38.0984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3052, 74.1401, 22.9599 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(82, 255, 95)` looks like.

```
.text, #text, p{  
    color:rgb(82, 255, 95)  
}
```

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(82, 255, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 255, 95) }
```

Border

The CSS property to change the border of an element to XYZ 41.3052, 74.1401, 22.9599 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(82, 255, 95) }
```


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

```
.border{ border-color:rgb(82, 255, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 255, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 255, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 255, 95);  
box-shadow:4px 4px 4px 4px rgb(82, 255,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3052, 74.1401, 22.9599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 255, 95) }
```

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

```
.background{ background-color: rgb(82, 255,  
95) }
```

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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