

Converting Colors

XYZ(41.5084, 74.3092, 20.0590)

Have a look what the booklet for
XYZ(41.5084, 74.3092, 20.0590)
contains.

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Color

**XYZ(41.4994, 74.3029,
20.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	5AFF52
RGB	90, 255, 82
RGB Percent	35%, 100%, 32%
CMY	0.6471, 0.0000, 0.6784
CMYK	0.65, 0.00, 0.68, 0.00
HSL	117°, 100%, 66%
HSV	117°, 68%, 100%
XYZ	41.4994, 74.3029, 20.1373
YIQ	185.9430, -42.8070, -88.7830

Conversions

Conversions Part 2

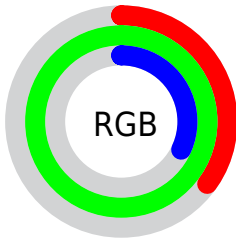
Format	Color
R _{YB}	82, 255, 247
Decimal	5963602
CIE Lab	89.07, -73.55, 67.20
CIE LCh	89, 99.625, 137.584
Yxy	74.3029, 0.3053, 0.5466
Android (android.graphics.Color)	4284153682 (0xFF5AFF52)
YUV	185.9430, -51.2439, -84.1420
Hunter-Lab	86.1991, -64.9121, 46.4884

Details

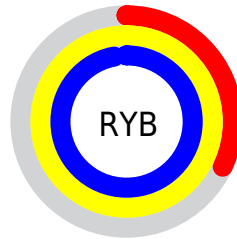
The XYZ color **41.4994, 74.3029, 20.1373** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **59.4277, 33.0308, 97.8511**, and the grayscale version is **46.9355, 49.3798, 53.7745**.

A 20% lighter version of the original color is **54.3248, 80.5522, 37.1110**, and **20.0101, 39.9500, 6.8862** is the 20% darker color. If you saturate the color by 10%, you get **38.7114, 72.9576, 15.8485**, and if you desaturate by 10%, it is **45.4218, 76.1912, 26.3623**.

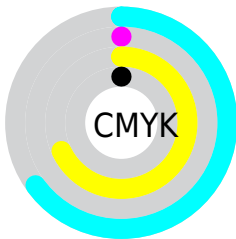
Distribution



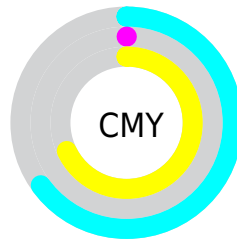
- Red (35%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (97%)



- Cyan (65%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)





- Cyan (65%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4994, 74.3029, 20.1373 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 41.4994, 74.3029, 20.1373 by changing the saturation by 10% instead.


 41.4994, 74.3029,
20.1373


 41.4994, 74.3029,
20.1373


343.4306,
475.5181, 265.2862


 28.8989, 55.0420,
12.3098


 76.7114, 125.3251,
44.5093


 19.1483, 39.4353,
6.8300


 100.0535,
157.8552, 61.8908

 11.8821, 27.0986,
3.2791


 127.7070,
195.5771, 83.2941

 6.7351, 17.6473,
1.2389

 160.0370,
238.8752, 109.1378

 3.3418, 10.6970,
0.0109

197.4090,
288.1340, 139.8402

 1.3370, 5.8635,
0.0000

240.1884,

 0.2107, 2.7623,

343.7378, 175.8201

0.0000

288.7405,
406.0711, 217.4959

0.0000, 1.0089,
0.0000

0.0000, 0.0000,
0.0000

41.4994, 74.3029,
20.1373

41.4994, 74.3029,
20.1373

38.7114, 72.9576,
15.8485

45.4218, 76.1912,
26.3623

36.9361, 72.0977,
13.2663

50.5820, 78.6719,
34.7117

36.0219, 71.6516,
12.0897

57.0722, 81.7889,
45.3553

35.9086, 71.5966,
11.9270

64.9760, 85.5819,
58.4450

■ 74.3699, 90.0874,
74.1194

■ 85.3250, 95.3393,
92.5069

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.



57.4575, 74.3029, 8.7106



41.4994, 74.3029, 20.1373



34.1835, 74.3029, 55.4627

Triad

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



41.4994, 74.3029, 20.1373



61.0678, 74.3029, 293.8158



125.0219, 74.3029, 46.9072

Complementary

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



41.4994, 74.3029, 20.1373



59.4277, 33.0308, 97.8511

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.



126.6202, 74.3029, 113.1314



41.4994, 74.3029, 20.1373



85.6594, 74.3029, 286.5180

Square

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



41.4994, 74.3029, 20.1373



43.6190, 74.3029, 224.8745



110.9226, 74.3029, 208.4682



106.9561, 74.3029, 16.9544

Rectangle

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



41.4994, 74.3029, 20.1373



33.7645, 74.3029, 99.8289



110.9226, 74.3029, 208.4682



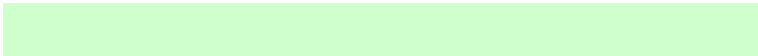
127.6300, 74.3029, 64.5348

Sweetspot

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



41.4996, 74.3029, 20.1385



72.2118, 89.0525, 70.5096



75.8256, 87.9941, 20.9719



14.8781, 18.7836, 14.1263



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.



41.4996, 74.3029, 20.1385



38.0474, 72.6365, 14.8602



45.5725, 75.8470, 45.4284



17.8492, 20.2082, 19.1041



18.7960, 37.4278, 6.2336



1.8562, 3.6577, 0.6082

Inverse Universe

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



59.4277, 33.0308, 97.8511



56.9408, 28.8654, 97.1782



52.2088, 30.4759, 44.8055



18.7048, 18.2551, 22.7877



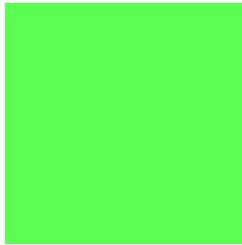
28.8205, 13.7680, 50.5731



2.8308, 1.3532, 4.9253

Previews

White Background



This preview shows how the XYZ color 41.4994, 74.3029, 20.1373 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 41.4994, 74.3029, 20.1373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

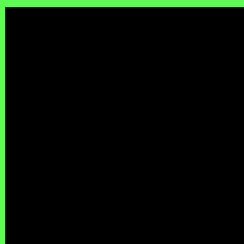
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4994, 74.3029, 20.1373

Background



This preview shows how black text looks on a background with the XYZ color 41.4994, 74.3029, 20.1373.



This preview shows how white text looks on a background with the XYZ color 41.4994, 74.3029,

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

41.4994, 74.3029, 20.1373

Protanopia

66.0353, 72.6800, 16.8516

Deuteranopia

72.0620, 72.4695, 44.3724



Tritanopia

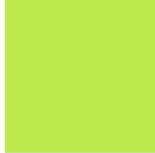
59.4895, 73.5392, 105.6668

Trichromacy



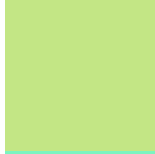
Original Color

41.4994, 74.3029, 20.1373



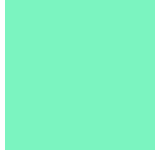
Protanomaly

52.2132, 70.4438, 17.6826



Deuteranomaly

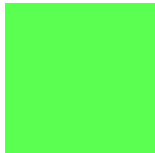
55.0361, 69.8892, 32.7796



Tritanomaly

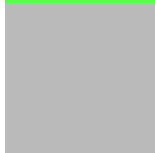
50.0335, 72.7181, 61.2681

Monochromacy



Original Color

41.4994, 74.3029, 20.1373



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

41.4021, 55.3060, 36.5100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4994, 74.3029, 20.1373 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(90, 255, 82)` looks like.

```
.text, #text, p{  
    color:rgb(90, 255, 82)  
}
```

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(90, 255, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 255, 82) }
```

Border

The CSS property to change the border of an element to XYZ 41.4994, 74.3029, 20.1373 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(90, 255, 82) }
```


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

```
.border{ border-color:rgb(90, 255, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 255, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(90, 255,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4994, 74.3029, 20.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 255, 82) }
```

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

```
.background{ background-color: rgb(90, 255,  
82) }
```

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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