

Converting Colors

XYZ(53.0980, 74.5769, 42.7248)

Have a look what the booklet for
XYZ(53.0980, 74.5769, 42.7248)
contains.

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Color

**XYZ(53.1674, 74.7493,
42.6362)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F49B
RGB	162, 244, 155
RGB Percent	64%, 96%, 61%
CMY	0.3647, 0.0431, 0.3921
CMYK	0.34, 0.00, 0.36, 0.04
HSL	115°, 80%, 78%
HSV	115°, 36%, 96%
XYZ	53.1674, 74.7493, 42.6362
YIQ	209.3360, -20.3030, -45.0630

Conversions

Conversions Part 2

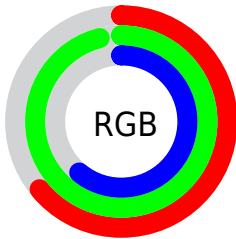
Format	Color
RYB	155, 244, 237
Decimal	10679451
CIELab	89.28, -41.80, 35.19
CIElCh	89, 54.638, 139.905
Yxy	74.7493, 0.3117, 0.4383
Android (android.graphics.Color)	4288869531 (0xFFA2F49B)
YUV	209.3360, -26.7876, -41.5137
Hunter-Lab	86.4577, -41.5318, 31.2818

Details

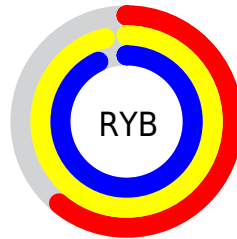
The XYZ color **53.1674, 74.7493, 42.6362** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **62.9788, 47.9811, 91.5338**, and the grayscale version is **61.0045, 64.1815, 69.8936**.

A 20% lighter version of the original color is **76.6063, 91.2332, 74.5450**, and **26.2819, 39.6457, 19.0992** is the 20% darker color. If you saturate the color by 10%, you get **47.1564, 71.8660, 32.7178**, and if you desaturate by 10%, it is **60.4127, 78.2254, 54.7768**.

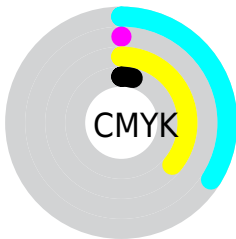
Distribution



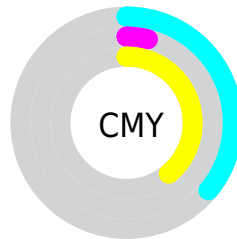
- Red (64%)
- Green (96%)
- Blue (61%)



- Red (61%)
- Yellow (96%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1674, 74.7493, 42.6362 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 53.1674, 74.7493, 42.6362 by changing the saturation by 10% instead.


 53.1674, 74.7493,
42.6362


 53.1674, 74.7493,
42.6362


389.1774,
477.0554, 372.9907

 38.1644, 55.4075,
29.2705


 94.0147, 125.9574,
80.4420

 26.2881, 39.7281,
19.0382


 120.5898,
158.5926, 105.7193

 17.1731, 27.3266,
11.5208


151.7530,
196.4276, 135.8040

 10.4541, 17.8187,
6.2997

187.8695,
239.8470, 171.1150

 5.7656, 10.8199,
2.9565

229.3049,
289.2351, 212.0705

 2.7424, 5.9458,
1.0724


276.4245,

 1.0190, 2.8122,


344.9762, 259.0893


0.0000

329.5935,
407.4549, 312.5899

 0.0000, 1.0345,
0.0000


 0.0000, 0.0000,
0.0000

 53.1674, 74.7493,
42.6362


 53.1674, 74.7493,
42.6362


 47.1564, 71.8660,
32.7178


 60.4127, 78.2254,
54.7768


 42.3053, 69.5336,
24.8823

 68.9500, 82.3149,
69.2576

 38.5409, 67.7197,
18.9829

 78.8399, 87.0487,
86.1942

 35.7787, 66.3843,
14.8512

 90.1378, 92.4531,
105.6930

■ 33.9220, 65.4819,
12.2903

■ 91.6422, 93.1843,
107.7641

■ 32.8542, 64.9577,
11.0534

■ 32.6244, 64.8447,
10.7968

Harmonies

Analogous

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



62.6626, 74.7493, 29.9957



53.1674, 74.7493, 42.6362



48.6572, 74.7493, 69.1745

Triad

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



53.1674, 74.7493, 42.6362



66.6430, 74.7493, 177.3144



98.0126, 74.7493, 58.8422

Complementary

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



53.1674, 74.7493, 42.6362



62.9788, 47.9811, 91.5338

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.



99.4271, 74.7493, 94.9635



53.1674, 74.7493, 42.6362



80.1478, 74.7493, 171.9030

Square

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



53.1674, 74.7493, 42.6362



55.7668, 74.7493, 151.5561



92.5432, 74.7493, 138.4972



88.8908, 74.7493, 37.1171

Rectangle

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



53.1674, 74.7493, 42.6362



48.6458, 74.7493, 94.6987



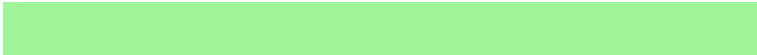
92.5432, 74.7493, 138.4972



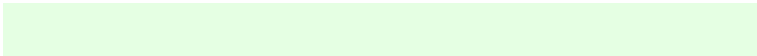
99.4455, 74.7493, 69.3892

Sweetspot

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



53.1693, 74.7525, 42.6379



81.9810, 93.7469, 86.4110



73.3916, 81.9307, 42.9576



17.2304, 19.9140, 17.9529



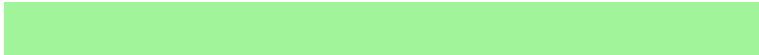
0.0000, 0.0000, 0.0000



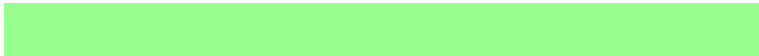
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.1693, 74.7525, 42.6379



53.5812, 80.1362, 38.5510



55.3943, 75.4828, 61.5697



16.4029, 18.5342, 17.5105



17.7817, 35.2796, 5.8725



1.6038, 3.1218, 0.5180

Inverse Universe

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



62.9788, 47.9811, 91.5338



65.9107, 46.4298, 100.0957



60.2845, 47.1786, 64.9097



17.0775, 16.6981, 20.8655



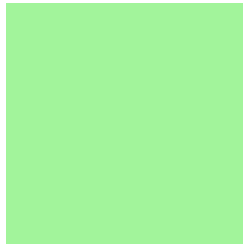
25.7853, 12.2671, 47.5468



2.3037, 1.0975, 4.1806

Previews

White Background



This preview shows how the XYZ color 53.1674, 74.7493, 42.6362 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 53.1674, 74.7493, 42.6362 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 53.1674, 74.7493, 42.6362

Background



This preview shows how black text looks on a background with the XYZ color 53.1674, 74.7493, 42.6362.

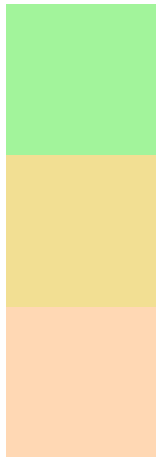


This preview shows how white text looks on a background with the XYZ color 53.1674, 74.7493,

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

53.1674, 74.7493, 42.6362

Protanopia

68.2721, 73.7592, 38.2424

Deuteranopia

74.0341, 73.6670, 53.4972



Tritanopia

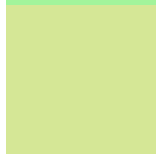
64.8596, 74.2620, 102.1823

Trichromacy



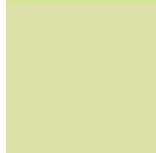
Original Color

53.1674, 74.7493, 42.6362



Protanomaly

61.5215, 73.5000, 39.7985



Deuteranomaly

64.3658, 72.7051, 49.1691



Tritanomaly

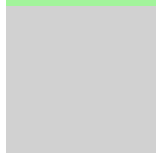
59.6237, 73.8330, 76.0744

Monochromacy



Original Color

53.1674, 74.7493, 42.6362



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.0448, 67.1231, 58.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1674, 74.7493, 42.6362 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(162, 244, 155)` looks like.

```
.text, #text, p{  
    color:rgb(162, 244, 155)  
}
```

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(162, 244, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 244, 155) }
```

Border

The CSS property to change the border of an element to XYZ 53.1674, 74.7493, 42.6362 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(162, 244, 155) }
```


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

```
.border{ border-color:rgb(162, 244, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 244, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 244, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 244, 155);  
box-shadow:4px 4px 4px 4px rgb(162, 244,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1674, 74.7493, 42.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 244, 155) }
```

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

```
.background{ background-color: rgb(162,  
244, 155) }
```

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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