

Converting Colors

XYZ(43.8465, 69.3762, 32.6321)

Have a look what the booklet for
XYZ(43.8465, 69.3762, 32.6321)
contains.

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Color

**XYZ(43.7340, 69.2079,
32.5262)**

Conversions

Conversions Part 1

Format	Color
Hex	79F283
RGB	121, 242, 131
RGB Percent	47%, 95%, 51%
CMY	0.5255, 0.0510, 0.4863
CMYK	0.50, 0.00, 0.46, 0.05
HSL	125°, 82%, 71%
HSV	125°, 50%, 95%
XYZ	43.7340, 69.2079, 32.5262
YIQ	193.1670, -36.4850, -60.1730

Conversions

Conversions Part 2

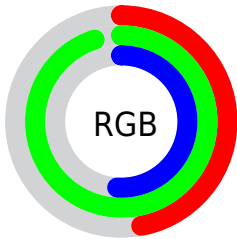
Format	Color
RYB	121, 233, 242
Decimal	7991939
CIELab	86.61, -56.26, 43.21
CIELCh	87, 70.942, 142.474
Yxy	69.2079, 0.3006, 0.4758
Android (android.graphics.Color)	4286182019 (0xFF79F283)
YUV	193.1670, -30.6483, -63.2905
Hunter-Lab	83.1913, -51.7466, 35.0526

Details

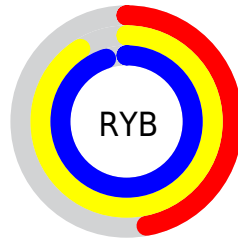
The XYZ color **43.7340, 69.2079, 32.5262** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **58.0228, 38.3793, 80.6955**, and the grayscale version is **50.9783, 53.6331, 58.4065**.

A 20% lighter version of the original color is **63.3393, 84.7261, 58.9144**, and **20.5052, 36.1620, 13.2964** is the 20% darker color. If you saturate the color by 10%, you get **39.4117, 67.1373, 25.2941**, and if you desaturate by 10%, it is **49.2326, 71.8517, 41.4990**.

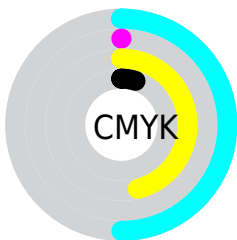
Distribution



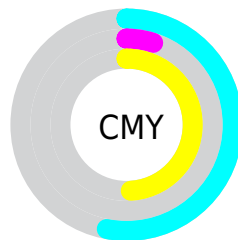
- Red (47%)
- Green (95%)
- Blue (51%)



- Red (47%)
- Yellow (91%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (46%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7340, 69.2079, 32.5262 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 43.7340, 69.2079, 32.5262 by changing the saturation by 10% instead.

43.7340, 69.2079,
32.5262

43.7340, 69.2079,
32.5262

352.4923,
457.7639, 328.0756

30.6585, 50.8810,
21.4956

80.0662, 118.0785,
64.7426

20.4895, 36.1139,
13.2920

104.0535,
149.3910, 86.7654

12.8617, 24.5222,
7.4968

132.4088,
185.8008, 113.2894

7.4097, 15.7214,
3.6916

165.4974,
227.6924, 144.7331

3.7682, 9.3273,
1.4577

203.6847,
275.4501, 181.5150

1.5719, 4.9553,
0.1861

247.3360,

0.3740, 2.2210,

329.4583, 224.0537

0.0000

296.8168,
390.1014, 272.7677

■ 0.0000, 0.7314,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.7340, 69.2079,
32.5262

■ 43.7340, 69.2079,
32.5262

■ 39.4117, 67.1373,
25.2941

■ 49.2326, 71.8517,
41.4990

■ 36.1751, 65.5895,
19.6855


■ 55.9796, 75.0975,
52.3102


■ 33.9283, 64.5199,
15.5762

■ 64.0470, 78.9827,
65.0560

■ 32.5565, 63.8723,
12.8223

■ 73.5002, 83.5389,
79.8243

 31.8798, 63.5575,
11.2496

 84.4000, 88.7958,
96.6979

 91.0435, 91.9870,
107.5645

Harmonies

Analogous

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



54.4064, 69.2079, 18.7930



43.7340, 69.2079, 32.5262



39.1245, 69.2079, 64.0954

Triad

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



43.7340, 69.2079, 32.5262



61.7209, 69.2079, 205.6938



99.5795, 69.2079, 45.7419

Complementary

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



43.7340, 69.2079, 32.5262



58.0228, 38.3793, 80.6955

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.



102.4162, 69.2079, 87.8630



43.7340, 69.2079, 32.5262



78.6376, 69.2079, 193.9999

Square

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



43.7340, 69.2079, 32.5262



48.3216, 69.2079, 172.5415



94.2132, 69.2079, 145.1607



87.0061, 69.2079, 23.9005

Rectangle

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



43.7340, 69.2079, 32.5262



39.4611, 69.2079, 96.6826



94.2132, 69.2079, 145.1607



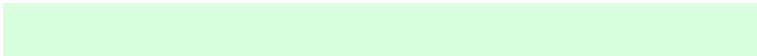
101.7799, 69.2079, 57.4210

Sweetspot

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



43.7357, 69.2108, 32.5278



77.2076, 91.3961, 81.2208



69.1160, 82.3694, 30.3455



16.0519, 19.3342, 16.6437



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.



43.7357, 69.2108, 32.5278



44.3137, 75.5745, 28.3652



48.8861, 71.2709, 59.6490



15.6189, 17.6776, 17.0162



17.1450, 34.1500, 6.1465



1.4444, 2.8482, 0.6068

Inverse Universe

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



58.0228, 38.3793, 80.6955



62.0714, 37.1948, 88.1903



51.0421, 35.5870, 43.9354



16.3946, 16.0076, 19.6342



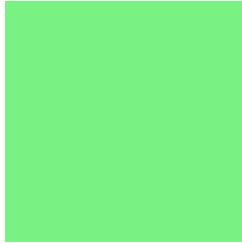
26.7789, 12.9840, 38.3477



2.2443, 1.0868, 3.2772

Previews

White Background



This preview shows how the XYZ color 43.7340, 69.2079, 32.5262 looks on a white background.

Color Contrast Check

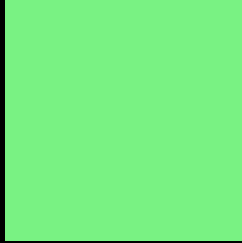
Large Text (above 18pt) WCAG AA × Fail

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 43.7340, 69.2079, 32.5262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

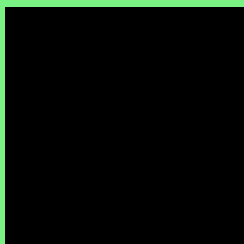
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7340, 69.2079, 32.5262

Background



This preview shows how black text looks on a background with the XYZ color 43.7340, 69.2079, 32.5262.



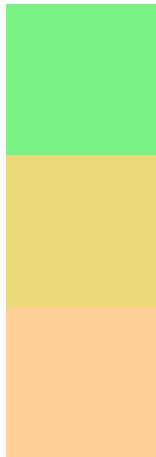
This preview shows how white text looks on a background with the XYZ color 43.7340, 69.2079,

32.5262.

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

43.7340, 69.2079, 32.5262

Protanopia

62.3437, 67.8142, 27.8927

Deuteranopia

68.9776, 68.0556, 37.9343



Tritanopia

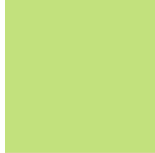
56.8404, 68.9571, 98.3099

Trichromacy



Original Color

43.7340, 69.2079, 32.5262



Protanomaly

52.8750, 66.8004, 29.5090



Deuteranomaly

55.9293, 66.2612, 35.4331



Tritanomaly

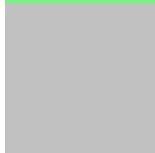
50.9235, 68.6567, 68.3257

Monochromacy



Original Color

43.7340, 69.2079, 32.5262



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

46.4863, 57.7063, 46.7186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7340, 69.2079, 32.5262 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(121, 242, 131)` looks like.

```
.text, #text, p{  
    color:rgb(121, 242, 131)  
}
```

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(121, 242, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 242, 131) }
```

Border

The CSS property to change the border of an element to XYZ 43.7340, 69.2079, 32.5262 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(121, 242, 131) }
```


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

```
.border{ border-color:rgb(121, 242, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 242, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 242, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 242, 131);  
box-shadow:4px 4px 4px 4px rgb(121, 242,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7340, 69.2079, 32.5262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 242, 131) }
```

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

```
.background{ background-color: rgb(121,  
242, 131) }
```

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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