

Converting Colors

XYZ(54.7876, 70.0064, 29.9587)

Have a look what the booklet for
XYZ(54.7876, 70.0064, 29.9587)
contains.

XYZ(54.7634, 69.8101, 29.9904)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.7634, 69.8101,
29.9904)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E67D
RGB	196, 230, 125
RGB Percent	77%, 90%, 49%
CMY	0.2314, 0.0980, 0.5098
CMYK	0.15, 0.00, 0.46, 0.10
HSL	79°, 68%, 70%
HSV	79°, 46%, 90%
XYZ	54.7634, 69.8101, 29.9904
YIQ	207.8640, 13.4410, -39.8630

Conversions

Conversions Part 2

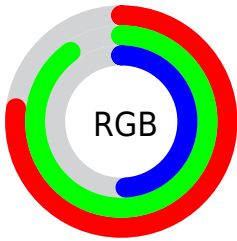
Format	Color
RYB	125, 230, 159
Decimal	12904061
CIELab	86.90, -27.49, 47.29
CIElCh	87, 54.702, 120.170
Yxy	69.8101, 0.3543, 0.4517
Android (android.graphics.Color)	4291094141 (0xFFC4E67D)
YUV	207.8640, -40.8520, -10.4047
Hunter-Lab	83.5524, -29.2212, 37.2051

Details

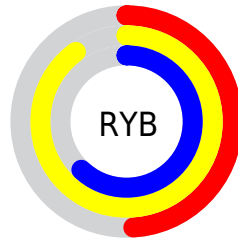
The XYZ color **54.7634, 69.8101, 29.9904** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **35.9175, 27.7533, 78.3309**, and the grayscale version is **60.1179, 63.2487, 68.8779**.

A 20% lighter version of the original color is **84.7697, 95.8455, 56.6800**, and **27.1539, 36.3286, 11.8843** is the 20% darker color. If you saturate the color by 10%, you get **51.5718, 68.3175, 23.0395**, and if you desaturate by 10%, it is **58.3949, 71.4945, 38.7405**.

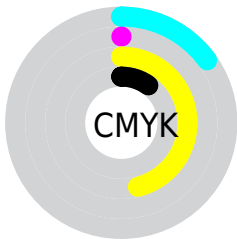
Distribution



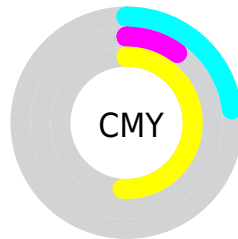
- Red (77%)
- Green (90%)
- Blue (49%)



- Red (49%)
- Yellow (90%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (10%)



- Cyan (23%)
- Magenta (10%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7634, 69.8101, 29.9904 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 54.7634, 69.8101, 29.9904 by changing the saturation by 10% instead.

■ 54.7634, 69.8101,
29.9904

■ 54.7634, 69.8101,
29.9904

395.1655,
459.8830, 316.0656

■ 39.4454, 51.3717,
19.5793

■ 96.3446, 118.9379,
60.7078

■ 27.2887, 36.5045,
11.9086

■ 123.3384,
150.3961, 81.8512

■ 17.9279, 24.8241,
6.5597

■ 154.9550,
186.9631, 107.4092

■ 10.9976, 15.9461,
3.1140

191.5596,
229.0232, 137.8002

■ 6.1325, 9.4860,
1.1532

233.5176,
276.9609, 173.4428

■ 2.9672, 5.0595,
0.0000

281.1943,

■ 1.1365, 2.2822,

331.1604, 214.7555

0.0000

334.9552,
392.0063, 262.1570

0.0553, 0.7643,
0.0000

0.0000, 0.0000,
0.0000

54.7634, 69.8101,
29.9904

54.7634, 69.8101,
29.9904

51.5718, 68.3175,
23.0395

58.3949, 71.4945,
38.7405

48.7897, 66.9974,
17.7578


62.4841, 73.3709,
49.3988


46.3906, 65.8411,
14.0051


67.0536, 75.4509,
62.0710


44.3416, 64.8356,
11.6164


72.1233, 77.7424,
76.8536

 42.6027, 63.9646,
10.3882

 77.7114, 80.2531,
93.8371

 41.9153, 63.6165,
10.0701

 82.5193, 82.4635,
106.1756

 85.1101, 83.7991,
106.2968

 87.5884, 85.0767,
106.4128

Harmonies

Analogous

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



66.2794, 69.8101, 25.1532



54.7634, 69.8101, 29.9904



47.2528, 69.8101, 46.1282

Triad

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



54.7634, 69.8101, 29.9904



54.8748, 69.8101, 154.7723



94.0538, 69.8101, 75.8023

Complementary

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



54.7634, 69.8101, 29.9904



35.9175, 27.7533, 78.3309

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.



90.0091, 69.8101, 116.6217



54.7634, 69.8101, 29.9904



66.4255, 69.8101, 170.2238

Square

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



54.7634, 69.8101, 29.9904



47.3111, 69.8101, 117.1044



79.4709, 69.8101, 154.4364



89.9196, 69.8101, 45.8689

Rectangle

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



54.7634, 69.8101, 29.9904



44.9837, 69.8101, 64.6293



79.4709, 69.8101, 154.4364



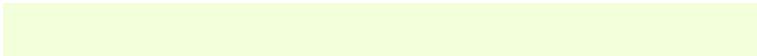
93.5999, 69.8101, 88.6569

Sweetspot

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



54.7651, 69.8132, 29.9919



85.6993, 95.7831, 81.1962



48.6070, 42.8450, 25.1111



18.0591, 20.3727, 16.5685



0.0000, 0.0000, 0.0000



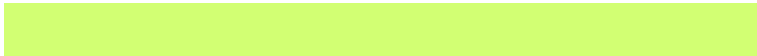
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7651, 69.8132, 29.9919



65.2988, 86.3920, 29.3780



43.5461, 64.0296, 29.4669



15.1241, 16.5710, 15.3059



23.8621, 36.0828, 5.7070



1.8596, 2.7160, 0.4262

Inverse Universe

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



35.9175, 27.7533, 78.3309



38.6837, 26.9157, 97.7641



48.4115, 34.1942, 78.9156



14.0201, 14.1126, 18.1294



9.8200, 4.1283, 42.6624



0.8202, 0.3538, 3.1570

Previews

White Background



This preview shows how the XYZ color 54.7634, 69.8101, 29.9904 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 54.7634, 69.8101, 29.9904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

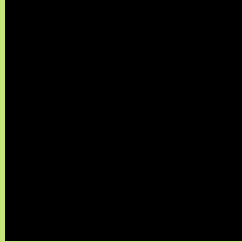
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7634, 69.8101, 29.9904

Background



This preview shows how black text looks on a background with the XYZ color 54.7634, 69.8101, 29.9904.



This preview shows how white text looks on a background with the XYZ color 54.7634, 69.8101,

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

54.7634, 69.8101, 29.9904

Protanopia

63.7996, 69.3325, 27.7892

Deuteranopia

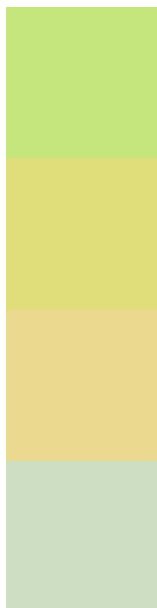
69.7080, 69.1279, 39.3748



Tritanopia

66.3866, 69.3255, 88.4795

Trichromacy



Original Color

54.7634, 69.8101, 29.9904

Protanomaly

60.0656, 69.3357, 28.6297

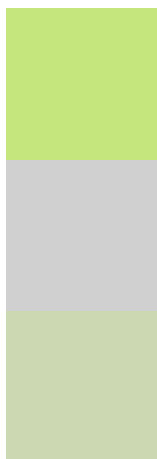
Deuteranomaly

63.6270, 69.0711, 35.5697

Tritanomaly

61.1484, 69.1618, 61.7565

Monochromacy



Original Color

54.7634, 69.8101, 29.9904

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.4936, 65.1635, 51.6670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7634, 69.8101, 29.9904 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(196, 230, 125)` looks like.

```
.text, #text, p{  
    color:rgb(196, 230, 125)  
}
```

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(196, 230, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 230, 125) }
```

Border

The CSS property to change the border of an element to XYZ 54.7634, 69.8101, 29.9904 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(196, 230, 125) }
```


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

```
.border{ border-color:rgb(196, 230, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 230, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 230, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 230, 125);  
box-shadow:4px 4px 4px 4px rgb(196, 230,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7634, 69.8101, 29.9904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 230, 125) }
```

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

```
.background{ background-color: rgb(196,  
230, 125) }
```

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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