

Converting Colors

XYZ(54.5098, 69.9469, 26.9154)

Have a look what the booklet for
XYZ(54.5098, 69.9469, 26.9154)
contains.

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Color

**XYZ(54.4173, 69.7018,
26.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E673
RGB	197, 230, 115
RGB Percent	77%, 90%, 45%
CMY	0.2275, 0.0980, 0.5490
CMYK	0.14, 0.00, 0.50, 0.10
HSL	77°, 70%, 68%
HSV	77°, 50%, 90%
XYZ	54.4173, 69.7018, 26.8053
YIQ	207.0230, 17.2470, -42.7610

Conversions

Conversions Part 2

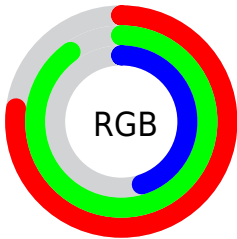
Format	Color
R_{YB}	115, 230, 148
Decimal	12969587
CIE _{Lab}	86.85, -28.14, 51.98
CIE _{LCh}	87, 59.109, 118.430
Yxy	69.7018, 0.3606, 0.4618
Android (android.graphics.Color)	4291159667 (0xFFC5E673)
YUV	207.0230, -45.3673, -8.7902
Hunter-Lab	83.4876, -29.7568, 39.4051

Details

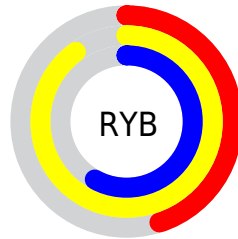
The XYZ color **54.4173, 69.7018, 26.8053** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **32.6291, 24.2724, 77.8323**, and the grayscale version is **59.6000, 62.7038, 68.2844**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **26.9901, 36.2826, 10.1381** is the 20% darker color. If you saturate the color by 10%, you get **51.5652, 68.3681, 20.6044**, and if you desaturate by 10%, it is **57.6787, 71.2129, 34.7516**.

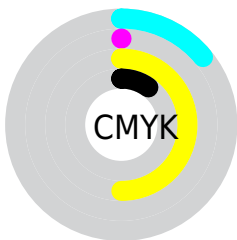
Distribution



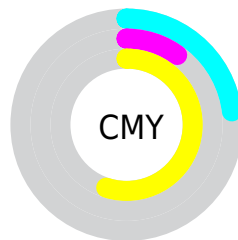
- Red (77%)
- Green (90%)
- Blue (45%)



- Red (45%)
- Yellow (90%)
- Blue (58%)



- Cyan (14%)
- Magenta (0%)
- Yellow (50%)
- Black (10%)




- Cyan (23%)
- Magenta (10%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4173, 69.7018, 26.8053 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 54.4173, 69.7018, 26.8053 by changing the saturation by 10% instead.


 54.4173, 69.7018,
26.8053


 54.4173, 69.7018,
26.8053


393.8717,
459.5023, 300.4435

 39.1674, 51.2835,
17.1959


 95.8400, 118.7834,
55.5712

 27.0713, 36.4343,
10.2108


 122.7435,
150.2155, 75.5648

 17.7636, 24.7698,
5.4315


 154.2622,
186.7542, 99.8569

 10.8791, 15.9056,
2.4395

190.7615,
228.7841, 128.8660

 6.0523, 9.4574,
0.8078

232.6068,
276.6894, 163.0107

 2.9179, 5.0407,
0.0000

280.1633,

 1.1105, 2.2712,

330.8546, 202.7094

0.0000

333.7965,
391.6641, 248.3809

■ 0.0339, 0.7584,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4173, 69.7018,
26.8053

■ 54.4173, 69.7018,
26.8053

■ 51.5652, 68.3681,
20.6044

■ 57.6787, 71.2129,
34.7516

■ 49.0913, 67.1918,
16.0125


■ 61.3677, 72.9014,
44.5571


■ 46.9678, 66.1642,
12.8804


■ 65.5074, 74.7792,
56.3312


■ 45.1596, 65.2711,
11.0291


■ 70.1177, 76.8543,
70.1736

 43.6070, 64.4886,
10.1492

 75.2171, 79.1342,
86.1773

 43.6070, 64.4886,
10.1492

 80.8229, 81.6259,
104.4294

 83.3823, 82.9084,
106.2159

 85.7043, 84.1055,
106.3246

 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.



66.9782, 69.7018, 22.4998



54.4173, 69.7018, 26.8053



46.1395, 69.7018, 42.6910

Triad

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



54.4173, 69.7018, 26.8053



53.3218, 69.7018, 160.6562



96.4266, 69.7018, 77.9918

Complementary

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



54.4173, 69.7018, 26.8053



32.6291, 24.2724, 77.8323

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.



91.4891, 69.7018, 122.9636



54.4173, 69.7018, 26.8053



65.5261, 69.7018, 179.8439

Square

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



54.4173, 69.7018, 26.8053



45.5714, 69.7018, 118.0620



79.6833, 69.7018, 164.1088



92.3924, 69.7018, 45.1925

Rectangle

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



54.4173, 69.7018, 26.8053



43.5318, 69.7018, 61.6669



79.6833, 69.7018, 164.1088



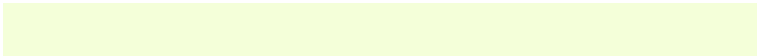
95.7494, 69.7018, 92.1552

Sweetspot

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



54.4190, 69.7049, 26.8068



85.5678, 95.7538, 79.4477



46.2549, 39.1123, 21.3321



18.0539, 20.3776, 16.2254



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.



54.4190, 69.7049, 26.8068



65.0478, 86.3414, 25.8075



42.1948, 63.4031, 26.2347



15.1774, 16.5985, 15.3084



24.8128, 36.5730, 5.7515



1.9241, 2.7493, 0.4293

Inverse Universe

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



32.6291, 24.2724, 77.8323



34.6396, 22.8256, 97.1878



45.6160, 30.9674, 78.4401



13.9694, 14.0865, 18.1270



9.4630, 3.9443, 42.6457



0.7887, 0.3376, 3.1556

Previews

White Background



This preview shows how the XYZ color 54.4173, 69.7018, 26.8053 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 54.4173, 69.7018, 26.8053 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 54.4173, 69.7018, 26.8053

Background



This preview shows how black text looks on a background with the XYZ color 54.4173, 69.7018, 26.8053.



This preview shows how white text looks on a background with the XYZ color 54.4173, 69.7018,

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

54.4173, 69.7018, 26.8053

Protanopia

63.6173, 69.2987, 25.0619

Deuteranopia

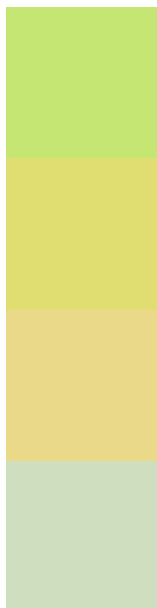
69.4653, 69.0309, 38.0968



Tritanopia

66.8155, 69.5633, 87.7474

Trichromacy



Original Color

54.4173, 69.7018, 26.8053

Protanomaly

59.7864, 69.2597, 25.5466

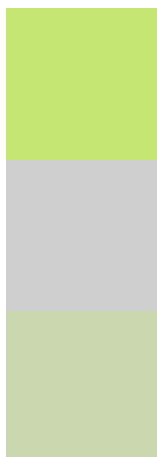
Deuteranomaly

63.2599, 68.9243, 33.6365

Tritanomaly

61.2574, 69.2695, 59.4320

Monochromacy



Original Color

54.4173, 69.7018, 26.8053

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

56.5690, 64.3534, 49.4843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4173, 69.7018, 26.8053 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(197, 230, 115)` looks like.

```
.text, #text, p{  
    color:rgb(197, 230, 115)  
}
```

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(197, 230, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 230, 115) }
```

Border

The CSS property to change the border of an element to XYZ 54.4173, 69.7018, 26.8053 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(197, 230, 115) }
```


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

```
.border{ border-color:rgb(197, 230, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 230, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 230, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 230, 115);  
box-shadow:4px 4px 4px 4px rgb(197, 230,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4173, 69.7018, 26.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 230, 115) }
```

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

```
.background{ background-color: rgb(197,  
230, 115) }
```

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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