

Converting Colors

XYZ(54.6805, 70.6814, 26.3845)

Have a look what the booklet for
XYZ(54.6805, 70.6814, 26.3845)
contains.

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Color

**XYZ(54.6022, 70.6412,
26.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E871
RGB	196, 232, 113
RGB Percent	77%, 91%, 44%
CMY	0.2314, 0.0902, 0.5568
CMYK	0.16, 0.00, 0.51, 0.09
HSL	78°, 72%, 68%
HSV	78°, 51%, 91%
XYZ	54.6022, 70.6412, 26.3801
YIQ	207.6700, 16.7430, -44.6410

Conversions

Conversions Part 2

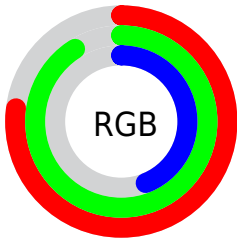
Format	Color
RYB	113, 232, 149
Decimal	12904561
CIELab	87.31, -29.65, 53.44
CIElCh	87, 61.116, 119.026
Yxy	70.6412, 0.3601, 0.4659
Android (android.graphics.Color)	4291094641 (0xFFC4E871)
YUV	207.6700, -46.6723, -10.2346
Hunter-Lab	84.0483, -31.1216, 40.2246

Details

The XYZ color **54.6022, 70.6412, 26.3801** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **32.8678, 24.0279, 79.2535**, and the grayscale version is **60.0271, 63.1532, 68.7738**.

A 20% lighter version of the original color is **83.6081, 95.3809, 50.5629**, and **27.1562, 36.9524, 9.9762** is the 20% darker color. If you saturate the color by 10%, you get **51.6766, 69.2674, 20.2752**, and if you desaturate by 10%, it is **57.9505, 72.1989, 34.2501**.

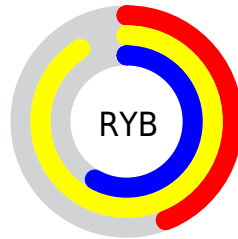
Distribution



Red (77%)

Green (91%)

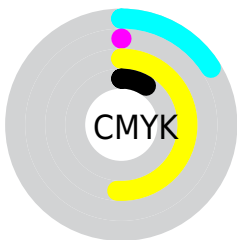
Blue (44%)



Red (44%)

Yellow (91%)

Blue (58%)

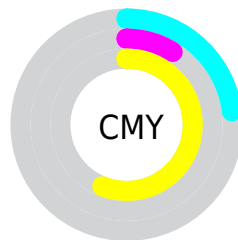


Cyan (16%)

Magenta (0%)

Yellow (51%)

Black (9%)



Cyan (23%)

Magenta (9%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6022, 70.6412, 26.3801 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 54.6022, 70.6412, 26.3801 by changing the saturation by 10% instead.

■ 54.6022, 70.6412,
26.3801

■ 54.6022, 70.6412,
26.3801

394.5632,
462.7982, 298.3076

■ 39.3159, 52.0494,
16.8799

■ 96.1096, 120.1227,
54.8791

■ 27.1874, 37.0445,
9.9878

■ 123.0614,
151.7812, 74.7150

■ 17.8513, 25.2419,
5.2854

■ 154.6324,
188.5641, 98.8332

■ 10.9423, 16.2574,
2.3540

191.1880,
230.8558, 127.6522

■ 6.0951, 9.7065,
0.7612

233.0935,
279.0407, 161.5906

■ 2.9442, 5.2048,
0.0000

280.7143,

■ 1.1243, 2.3679,

333.5031, 201.0670

0.0000

334.4158,
394.6275, 246.4998

■ 0.0453, 0.8093,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6022, 70.6412,
26.3801

■ 54.6022, 70.6412,
26.3801

■ 51.6766, 69.2674,
20.2752

■ 57.9505, 72.1989,
34.2501

■ 49.1415, 68.0571,
15.7942


■ 61.7408, 73.9409,
44.0032


■ 46.9676, 67.0008,
12.7813


■ 65.9971, 75.8795,
55.7523


■ 45.1180, 66.0837,
11.0487


■ 70.7399, 78.0229,
69.6003


 43.7197, 65.3777,
10.3149

 75.9885, 80.3790,
85.6429

 81.7610, 82.9551,
103.9700

 84.6122, 84.3734,
106.4339

 87.1098, 85.6610,
106.5508

 88.1481, 86.1963,
106.5994

Harmonies

Analogous

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



67.6134, 70.6412, 21.8065



54.6022, 70.6412, 26.3801



46.1193, 70.6412, 42.9415

Triad

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



54.6022, 70.6412, 26.3801



53.8961, 70.6412, 166.7282



98.7499, 70.6412, 78.2699

Complementary

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



54.6022, 70.6412, 26.3801



32.8678, 24.0279, 79.2535

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.



93.7439, 70.6412, 125.2813



54.6022, 70.6412, 26.3801



66.6735, 70.6412, 186.3414

Square

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



54.6022, 70.6412, 26.3801



45.7544, 70.6412, 122.0821



81.4690, 70.6412, 168.9925



94.3321, 70.6412, 44.5414

Rectangle

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



54.6022, 70.6412, 26.3801



43.4953, 70.6412, 62.8076



81.4690, 70.6412, 168.9925



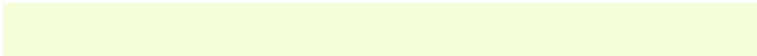
98.1027, 70.6412, 92.9938

Sweetspot

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



54.6039, 70.6443, 26.3816



85.3616, 95.6475, 79.4381



46.9620, 39.7504, 20.8212



18.0039, 20.3519, 16.2230



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.



54.6039, 70.6443, 26.3816



63.6913, 85.6704, 24.4640



42.1234, 64.2104, 25.7975



15.1549, 16.5869, 15.3073



24.4036, 36.3620, 5.7324



1.8964, 2.7350, 0.4280

Inverse Universe

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



32.8678, 24.0279, 79.2535



33.9459, 21.7466, 97.0161



46.5419, 31.0772, 79.8934



13.9908, 14.0975, 18.1280



9.6079, 4.0189, 42.6525



0.8016, 0.3442, 3.1562

Previews

White Background



This preview shows how the XYZ color 54.6022, 70.6412, 26.3801 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 54.6022, 70.6412, 26.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

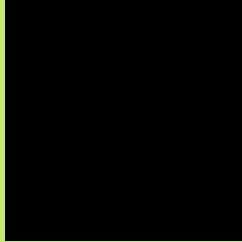
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6022, 70.6412, 26.3801

Background



This preview shows how black text looks on a background with the XYZ color 54.6022, 70.6412, 26.3801.

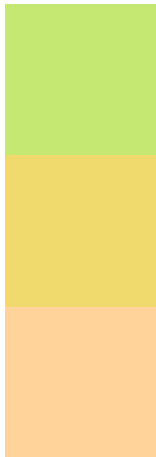


This preview shows how white text looks on a background with the XYZ color 54.6022, 70.6412,

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

54.6022, 70.6412, 26.3801

Protanopia

64.1073, 69.9477, 24.5904

Deuteranopia

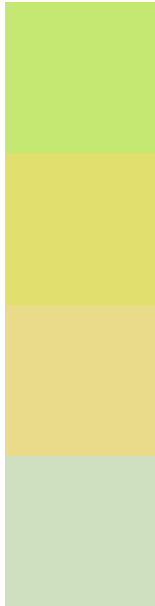
70.2840, 70.1484, 39.9726



Tritanopia

67.3358, 70.5680, 89.4289

Trichromacy



Original Color

54.6022, 70.6412, 26.3801

Protanomaly

60.2535, 69.9087, 25.0699

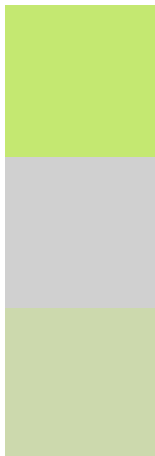
Deuteranomaly

63.8506, 69.9904, 34.1890

Tritanomaly

61.5132, 70.1947, 59.5971

Monochromacy



Original Color

54.6022, 70.6412, 26.3801

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.2575, 65.4802, 49.1563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6022, 70.6412, 26.3801 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, 232, 113)` looks like.

```
.text, #text, p{  
    color:rgb(196, 232, 113)  
}
```

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, 232, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 232, 113) }
```

Border

The CSS property to change the border of an element to XYZ 54.6022, 70.6412, 26.3801 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, 232, 113) }
```


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

```
.border{ border-color:rgb(196, 232, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 232, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 232, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 232, 113);  
box-shadow:4px 4px 4px 4px rgb(196, 232,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6022, 70.6412, 26.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 232, 113) }
```

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

```
.background{ background-color: rgb(196,  
232, 113) }
```

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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