

Converting Colors

XYZ(54.4041, 72.6708, 29.2377)

Have a look what the booklet for
XYZ(54.4041, 72.6708, 29.2377)
contains.

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Color

**XYZ(54.4744, 72.6402,
29.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	BCED79
RGB	188, 237, 121
RGB Percent	74%, 93%, 47%
CMY	0.2627, 0.0706, 0.5255
CMYK	0.21, 0.00, 0.49, 0.07
HSL	85°, 76%, 70%
HSV	85°, 49%, 93%
XYZ	54.4744, 72.6402, 29.2390
YIQ	209.1250, 8.0320, -46.4640

Conversions

Conversions Part 2

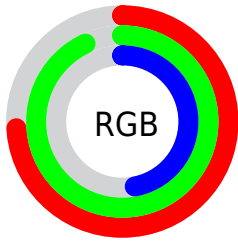
Format	Color
RYB	121, 237, 170
Decimal	12381561
CIELab	88.28, -34.14, 50.75
CIELCh	88, 61.168, 123.927
Yxy	72.6402, 0.3484, 0.4646
Android (android.graphics.Color)	4290571641 (0xFFBCED79)
YUV	209.1250, -43.4456, -18.5266
Hunter-Lab	85.2292, -35.0626, 39.3202

Details

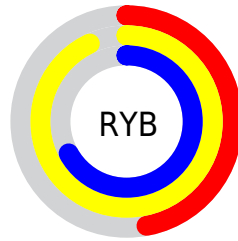
The XYZ color **54.4744, 72.6402, 29.2390** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **38.7040, 28.3372, 83.5546**, and the grayscale version is **60.9586, 64.1332, 69.8411**.

A 20% lighter version of the original color is **81.6025, 94.2474, 54.9650**, and **27.0830, 38.3706, 11.4477** is the 20% darker color. If you saturate the color by 10%, you get **50.8148, 70.9037, 22.3910**, and if you desaturate by 10%, it is **58.6657, 74.6141, 37.9784**.

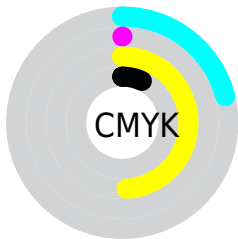
Distribution



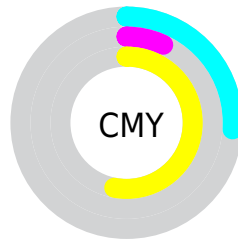
- Red (74%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (49%)
- Black (7%)




- Cyan (26%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4744, 72.6402, 29.2390 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 54.4744, 72.6402, 29.2390 by changing the saturation by 10% instead.


 54.4744, 72.6402,
29.2390

 54.4744, 72.6402,
29.2390


394.0854,
469.7669, 312.4371


 39.2132, 53.6818,
19.0146


 95.9233, 122.9663,
59.5033

 27.1071, 38.3473,
11.5039


 122.8417,
155.1028, 80.3802

 17.7907, 26.2524,
6.2884


 154.3766,
192.4008, 105.6451

 10.8986, 17.0125,
2.9496

190.8933,
235.2446, 135.7164

 6.0655, 10.2434,
1.0690

232.7571,
284.0188, 171.0128

 2.9260, 5.5607,
0.0000

280.3335,

 1.1147, 2.5798,

339.1076, 211.9526

0.0000

333.9878,
400.8955, 258.9546

0.0374, 0.9165,
0.0000

0.0000, 0.0000,
0.0000

54.4744, 72.6402,
29.2390

54.4744, 72.6402,
29.2390

50.8148, 70.9037,
22.3910

58.6657, 74.6141,
37.9784

47.6516, 69.3827,
17.2892


63.4107, 76.8272,
48.7306

44.9526, 68.0663,
13.7753


68.7363, 79.2930,
61.6124


42.6783, 66.9383,
11.6601


74.6658, 82.0213,
76.7303

 40.7705, 65.9750,
10.6574

 81.2212, 85.0212,
94.1836

 40.5829, 65.8799,
10.5771

 87.0734, 87.7615,
106.9581

 89.5757, 89.0515,
107.0752

Harmonies

Analogous

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



67.1298, 72.6402, 22.7982



54.4744, 72.6402, 29.2390



46.6919, 72.6402, 48.6527

Triad

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



54.4744, 72.6402, 29.2390



57.3795, 72.6402, 176.0230



101.1550, 72.6402, 73.6920

Complementary

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



54.4744, 72.6402, 29.2390



38.7040, 28.3372, 83.5546

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.



97.5829, 72.6402, 120.1444



54.4744, 72.6402, 29.2390



70.9908, 72.6402, 190.0613

Square

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



54.4744, 72.6402, 29.2390



48.1951, 72.6402, 133.2476



86.0003, 72.6402, 166.7662



95.1718, 72.6402, 42.0500

Rectangle

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



54.4744, 72.6402, 29.2390



44.6347, 72.6402, 70.8558



86.0003, 72.6402, 166.7662



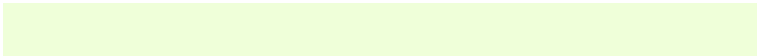
101.0363, 72.6402, 87.9447

Sweetspot

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



54.4762, 72.6434, 29.2406



83.7949, 94.8398, 79.3647



52.6290, 47.8876, 24.5596



17.6256, 20.1568, 16.2053



0.0000, 0.0000, 0.0000



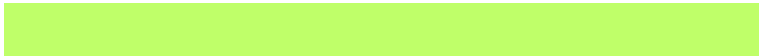
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4762, 72.6434, 29.2406



59.8840, 83.6645, 26.2363



43.0462, 66.7510, 28.7056



15.7015, 17.2917, 16.0288



22.3088, 36.0451, 5.7816



1.8612, 2.8868, 0.4591

Inverse Universe

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



38.7040, 28.3372, 83.5546



39.2273, 25.5684, 97.4754



53.9100, 36.1762, 84.2662



14.8344, 14.8599, 19.0086



11.3648, 4.8947, 44.0887



1.0001, 0.4399, 3.4671

Previews

White Background



This preview shows how the XYZ color 54.4744, 72.6402, 29.2390 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 54.4744, 72.6402, 29.2390 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

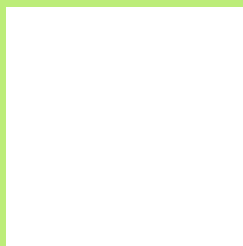
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4744, 72.6402, 29.2390

Background



This preview shows how black text looks on a background with the XYZ color 54.4744, 72.6402, 29.2390.



This preview shows how white text looks on a background with the XYZ color 54.4744, 72.6402,

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

54.4744, 72.6402, 29.2390

Protanopia

66.3171, 72.2070, 26.9650

Deuteranopia

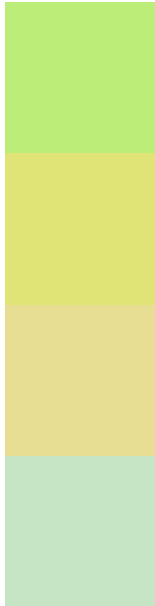
71.9874, 72.0335, 45.2317



Tritanopia

67.4347, 72.4996, 93.6587

Trichromacy



Original Color

54.4744, 72.6402, 29.2390

Protanomaly

61.4796, 72.0935, 27.8147

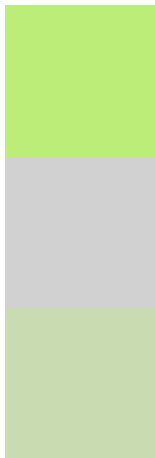
Deuteranomaly

64.4216, 71.3696, 38.3973

Tritanomaly

61.3861, 72.0756, 63.4999

Monochromacy



Original Color

54.4744, 72.6402, 29.2390

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

57.3547, 66.2549, 51.3605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4744, 72.6402, 29.2390 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(188, 237, 121)` looks like.

```
.text, #text, p{  
    color:rgb(188, 237, 121)  
}
```

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(188, 237, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 237, 121) }
```

Border

The CSS property to change the border of an element to XYZ 54.4744, 72.6402, 29.2390 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(188, 237, 121) }
```


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

```
.border{ border-color:rgb(188, 237, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 237, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 237, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 237, 121);  
box-shadow:4px 4px 4px 4px rgb(188, 237,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4744, 72.6402, 29.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 237, 121) }
```

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

```
.background{ background-color: rgb(188,  
237, 121) }
```

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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