

# Converting Colors

XYZ(54.1641, 73.9273, 30.8225)

Have a look what the booklet for  
XYZ(54.1641, 73.9273, 30.8225)  
contains.

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# Color

**XYZ(54.1532, 73.7459,  
30.7823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6F07D
RGB	182, 240, 125
RGB Percent	71%, 94%, 49%
CMY	0.2863, 0.0588, 0.5098
CMYK	0.24, 0.00, 0.48, 0.06
HSL	90°, 79%, 72%
HSV	90°, 48%, 94%
XYZ	54.1532, 73.7459, 30.7823
YIQ	209.5480, 2.3470, -48.0610

# Conversions

## Conversions Part 2

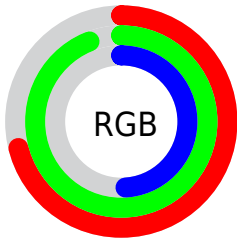
Format	Color
<a href="#">RYB</a>	<a href="#">125, 240, 183</a>
Decimal	<a href="#">11989117</a>
CIELab	<a href="#">88.80, -37.23, 49.43</a>
CIELCh	<a href="#">89, 61.880, 126.984</a>
Yxy	<a href="#">73.7459, 0.3413, 0.4647</a>
Android (android.graphics.Color)	<a href="#">4290179197 (0xFFB6F07D)</a>
YUV	<a href="#">209.5480, -41.6822, -24.1596</a>
Hunter-Lab	<a href="#">85.8754, -37.7196, 38.8601</a>

# Details

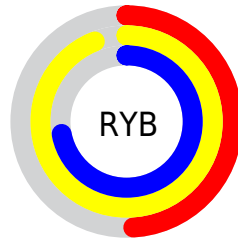
The XYZ color **54.1532, 73.7459, 30.7823** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **42.5934, 31.0279, 86.1862**, and the grayscale version is **61.2273, 64.4159, 70.1489**.

A 20% lighter version of the original color is **79.9334, 93.3406, 56.9836**, and **26.9144, 39.1845, 12.2757** is the 20% darker color. If you saturate the color by 10%, you get **50.0656, 71.7972, 23.5322**, and if you desaturate by 10%, it is **58.8620, 75.9766, 39.9980**.

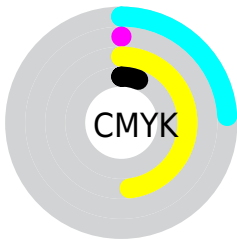
# Distribution



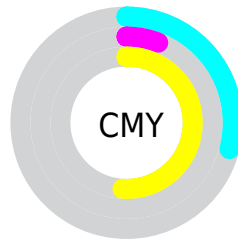
- Red (71%)
- Green (94%)
- Blue (49%)



- Red (49%)
- Yellow (94%)
- Blue (72%)



- Cyan (24%)
- Magenta (0%)
- Yellow (48%)
- Black (6%)




- Cyan (29%)
- Magenta (6%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1532, 73.7459, 30.7823 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 54.1532, 73.7459, 30.7823 by changing the saturation by 10% instead.





 54.1532, 73.7459,  
30.7823


 54.1532, 73.7459,  
30.7823


392.8828,  
473.5959, 319.8542


 38.9553, 54.5861,  
20.1761


 95.4547, 124.5355,  
61.9727

 26.9055, 39.0704,  
12.3377


 122.2891,  
156.9342, 83.3940

 17.6385, 26.8145,  
6.8488


 153.7330,  
194.5145, 109.2573

 10.7889, 17.4340,  
3.2907

190.1517,  
237.6610, 139.9813

 5.9913, 10.5444,  
1.2449

231.9107,  
286.7579, 175.9844

 2.8804, 5.7614,  
0.0160

279.3753,

 1.0908, 2.7005,

342.1898, 217.6852

0.0000

332.9109,  
404.3410, 265.5023

0.0174, 0.9775,  
0.0000

0.0000, 0.0000,  
0.0000

54.1532, 73.7459,  
30.7823

54.1532, 73.7459,  
30.7823

50.0656, 71.7972,  
23.5322

58.8620, 75.9766,  
39.9980

46.5604, 70.1069,  
18.0996


64.2172, 78.4926,  
51.3034


43.6022, 68.6624,  
14.3235


70.2485, 81.3090,  
64.8180

41.1479, 67.4457,  
12.0121


76.9822, 84.4369,  
80.6510

 39.1407, 66.4334,  
10.9036

 84.4432, 87.8869,  
98.9042

 38.7626, 66.2417,  
10.7429

 90.3167, 90.7337,  
107.3609

 90.4516, 90.8032,  
107.3672

# Harmonies

## Analogous

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



66.6488, 73.7459, 23.0935



54.1532, 73.7459, 30.7823



46.7834, 73.7459, 52.1683

# Triad

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



54.1532, 73.7459, 30.7823



59.4233, 73.7459, 182.6722



102.7482, 73.7459, 70.6777

# Complementary

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



54.1532, 73.7459, 30.7823



42.5934, 31.0279, 86.1862

# 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.



100.0884, 73.7459, 117.0628



54.1532, 73.7459, 30.7823



73.6544, 73.7459, 193.1673

# Square

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



54.1532, 73.7459, 30.7823



49.5097, 73.7459, 140.8521



88.8894, 73.7459, 165.8647



95.7123, 73.7459, 40.1905



# Rectangle

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



54.1532, 73.7459, 30.7823



45.0837, 73.7459, 76.0342



88.8894, 73.7459, 165.8647



102.9727, 73.7459, 84.7157

# Sweetspot

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



54.1550, 73.7491, 30.7839



83.5086, 94.6537, 81.0937



56.4702, 53.6698, 26.7862



17.5247, 20.0972, 16.5435



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.



54.1550, 73.7491, 30.7839



57.7733, 82.5453, 27.5400



43.3214, 68.1642, 30.2769



16.3121, 18.0411, 16.7722



21.3715, 36.3389, 5.8877



1.8926, 3.0822, 0.4952



# Inverse Universe

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



42.5934, 31.0279, 86.1862



43.1076, 28.3591, 97.8096



58.9999, 39.4858, 86.9540



15.6571, 15.6205, 19.9114



13.0841, 5.7505, 45.5482

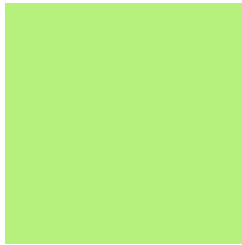


1.2033, 0.5376, 3.7946



# Previews

## White Background



This preview shows how the XYZ color 54.1532, 73.7459, 30.7823 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 54.1532, 73.7459, 30.7823 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

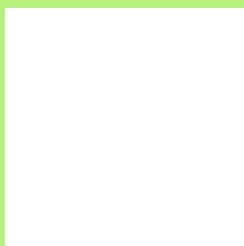
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.1532, 73.7459, 30.7823**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.1532, 73.7459, 30.7823.



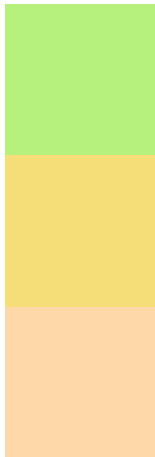
This preview shows how white text looks on a background with the XYZ color 54.1532, 73.7459,

30.7823.

# 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

54.1532, 73.7459, 30.7823

### Protanopia

67.1072, 72.9869, 28.0037

### Deuteranopia

72.9573, 73.2363, 47.8269



## **Tritanopia**

67.5037, 73.6729, 97.0487

# Trichromacy



## Original Color

54.1532, 73.7459, 30.7823



## Protanomaly

61.5947, 72.9487, 28.9233



## Deuteranomaly

64.6699, 72.6443, 40.7503



## Tritanomaly

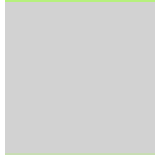
61.3915, 73.2677, 66.1647

# Monochromacy



## Original Color

54.1532, 73.7459, 30.7823



## Achromatopsia

61.2578, 64.4480, 70.1838



## Achromatomaly

57.8126, 67.2469, 52.5807

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.1532, 73.7459, 30.7823 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(182, 240, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 240, 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(182, 240, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 240, 125) }
```

## Border

The CSS property to change the border of an element to XYZ 54.1532, 73.7459, 30.7823 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(182, 240, 125) }
```



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

```
.border{ border-color:rgb(182, 240, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 240, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 240, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 240, 125);  
box-shadow:4px 4px 4px 4px rgb(182, 240,  
125) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.1532, 73.7459, 30.7823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 240, 125) }
```

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

```
.background{ background-color: rgb(182,  
240, 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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