

Converting Colors

XYZ(33.4271, 53.9047, 10.5034)

Have a look what the booklet for
XYZ(33.4271, 53.9047, 10.5034)
contains.

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Color

**XYZ(33.4749, 54.0507,
10.5022)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD926
RGB	124, 217, 38
RGB Percent	49%, 85%, 15%
CMY	0.5137, 0.1490, 0.8509
CMYK	0.43, 0.00, 0.82, 0.15
HSL	91°, 70%, 50%
HSV	91°, 82%, 85%
XYZ	33.4749, 54.0507, 10.5022
YIQ	168.7870, 2.0310, -75.3850

Conversions

Conversions Part 2

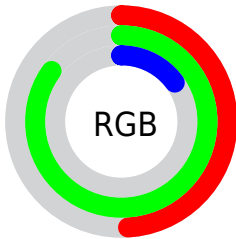
Format	Color
RYB	38, 217, 131
Decimal	8182054
CIELab	78.49, -54.19, 71.19
CIELCh	78, 89.472, 127.277
Yxy	54.0507, 0.3415, 0.5514
Android (android.graphics.Color)	4286372134 (0xFF7CD926)
YUV	168.7870, -64.4780, -39.2782
Hunter-Lab	73.5192, -47.3836, 42.9939

Details

The XYZ color **33.4749, 54.0507, 10.5022** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **22.5805, 11.2231, 66.6248**, and the grayscale version is **37.9164, 39.8910, 43.4413**.

A 20% lighter version of the original color is **57.6374, 82.5269, 25.2034**, and **14.7315, 26.5139, 4.3413** is the 20% darker color. If you saturate the color by 10%, you get **31.6845, 53.1588, 9.0931**, and if you desaturate by 10%, it is **35.6580, 55.1249, 12.9956**.

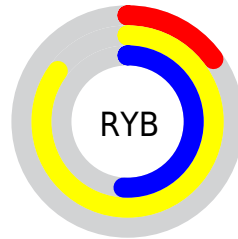
Distribution



Red (49%)

Green (85%)

Blue (15%)



Red (15%)

Yellow (85%)

Blue (51%)

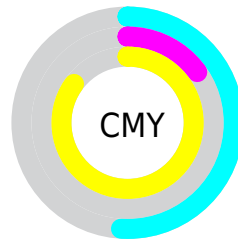


Cyan (43%)

Magenta (0%)

Yellow (82%)

Black (15%)



Cyan (51%)


Magenta (15%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4749, 54.0507, 10.5022 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 33.4749, 54.0507, 10.5022 by changing the saturation by 10% instead.


 33.4749, 54.0507,
10.5022


 33.4749, 54.0507,
10.5022


309.4115,
402.3033, 204.8331


 22.6515, 38.6422,
5.6232


 64.4660, 96.1487,
27.3583

 14.4556, 26.4815,
2.5523


 85.3644, 123.6070,
40.1726


 8.5221, 17.1842,
0.8677


 110.3518,
155.8506, 56.4691

 4.4854, 10.3659,
0.0000

 139.7935,
193.2640, 76.6662

 1.9802, 5.6422,
0.0000

 174.0550,
236.2316, 101.1827

 0.6228, 2.6288,
0.0000

 213.5016,

 0.0000, 0.9412,

285.1378, 130.4370

0.0000

258.4987,
340.3669, 164.8476

■ 0.0000, 0.0000,
0.0000

■ 33.4749, 54.0507,
10.5022

■ 33.4749, 54.0507,
10.5022

■ 31.6845, 53.1588,
9.0931

■ 35.6580, 55.1249,
12.9956

■ 30.5521, 52.5860,
8.5399

■ 38.2668, 56.3898,
16.7328

■ 41.3340, 57.8609,
21.8507

■ 44.8875, 59.5500,
28.4672

■ 48.9524, 61.4678,
36.6875

■ 53.5518, 63.6241,
46.6074

■ 58.7075, 66.0281,
58.3153

■ 64.4396, 68.6885,
71.8932

■ 70.7673, 71.6135,
87.4183

Harmonies

Analogous

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



47.2033, 54.0507, 5.5521



33.4749, 54.0507, 10.5022



26.0450, 54.0507, 28.7811

Triad

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



33.4749, 54.0507, 10.5022



39.3738, 54.0507, 201.2457



92.8075, 54.0507, 47.4046

Complementary

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



33.4749, 54.0507, 10.5022



22.5805, 11.2231, 66.6248

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.



89.3578, 54.0507, 104.8143



33.4749, 54.0507, 10.5022



55.7825, 54.0507, 216.9467

Square

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



33.4749, 54.0507, 10.5022



28.8679, 54.0507, 139.2802



74.7290, 54.0507, 174.6362



83.2977, 54.0507, 17.4929

Rectangle

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



33.4749, 54.0507, 10.5022



24.4330, 54.0507, 54.3646



74.7290, 54.0507, 174.6362



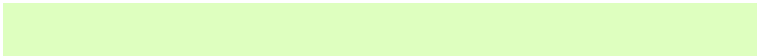
93.1558, 54.0507, 63.5798

Sweetspot

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



33.4762, 54.0530, 10.5034



75.2778, 90.8026, 62.9937



37.0145, 30.9883, 5.8649



15.6067, 19.1984, 12.3894



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.



33.4762, 54.0530, 10.5034



44.0615, 75.7980, 12.3814



26.0137, 50.2002, 10.4157



13.4788, 14.9115, 13.8934



18.6145, 31.8936, 5.1750



1.3051, 2.1173, 0.3399

Inverse Universe

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



22.5805, 11.2231, 66.6248



27.8647, 12.3208, 95.5173



41.4503, 20.9953, 65.5003



12.9809, 12.9483, 16.4672



11.8075, 5.2112, 40.1219



0.8643, 0.3888, 2.6039

Previews

White Background



This preview shows how the XYZ color 33.4749, 54.0507, 10.5022 looks on a white background.

Color Contrast Check

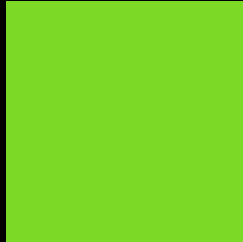
Large Text (above 18pt) WCAG AA × Fail

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 33.4749, 54.0507, 10.5022 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 33.4749, 54.0507, 10.5022

Background



This preview shows how black text looks on a background with the XYZ color 33.4749, 54.0507, 10.5022.

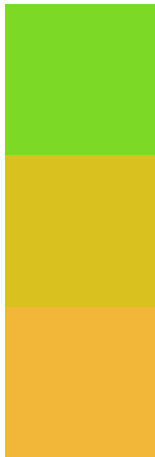


This preview shows how white text looks on a background with the XYZ color 33.4749, 54.0507,

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

33.4749, 54.0507, 10.5022

Protanopia

47.9459, 52.9959, 9.0687

Deuteranopia

54.2652, 53.0297, 11.1171



Tritanopia

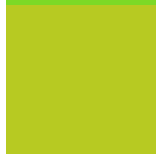
46.1698, 53.6926, 74.2600

Trichromacy



Original Color

33.4749, 54.0507, 10.5022



Protanomaly

40.9377, 52.4238, 9.4745



Deuteranomaly

43.6227, 51.3941, 10.5266



Tritanomaly

38.8778, 52.5010, 38.2216

Monochromacy



Original Color

33.4749, 54.0507, 10.5022



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

34.1470, 43.2706, 24.6415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4749, 54.0507, 10.5022 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(124, 217, 38)` looks like.

```
.text, #text, p{  
    color:rgb(124, 217, 38)  
}
```

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(124, 217, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 217, 38) }
```

Border

The CSS property to change the border of an element to XYZ 33.4749, 54.0507, 10.5022 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(124, 217, 38) }
```


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

```
.border{ border-color:rgb(124, 217, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 217, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 217, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 217, 38);  
box-shadow:4px 4px 4px 4px rgb(124, 217,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4749, 54.0507, 10.5022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 217, 38) }
```

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

```
.background{ background-color: rgb(124,  
217, 38) }
```

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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