

Converting Colors

XYZ(53.6526, 55.6322, 89.7593)

Have a look what the booklet for
XYZ(53.6526, 55.6322, 89.7593)
contains.

XYZ(53.4507, 55.3946, 89.5364)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.4507, 55.3946,
89.5364)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C5EF
RGB	176, 197, 239
RGB Percent	69%, 77%, 94%
CMY	0.3098, 0.2274, 0.0627
CMYK	0.26, 0.18, 0.00, 0.06
HSL	220°, 66%, 81%
HSV	220°, 26%, 94%
XYZ	53.4507, 55.3946, 89.5364
YIQ	195.5090, -25.9980, 8.6100

Conversions

Conversions Part 2

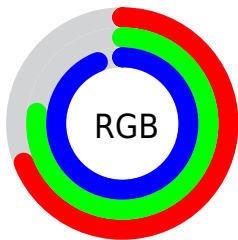
Format	Color
RYB	176, 192, 239
Decimal	11585007
CIELab	79.27, 2.07, -23.12
CIELCh	79, 23.211, 275.114
Yxy	55.3946, 0.2694, 0.2792
Android (android.graphics.Color)	4289775087 (0xFFB0C5EF)
YUV	195.5090, 21.4411, -17.1094
Hunter-Lab	74.4275, -2.0571, -19.2266

Details

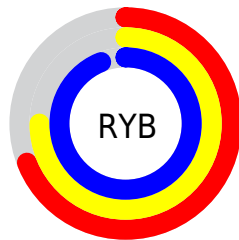
The XYZ color **53.4507, 55.3946, 89.5364** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.5052, 71.6284, 51.2908**, and the grayscale version is **52.0639, 54.7753, 59.6503**.

A 20% lighter version of the original color is **86.7705, 95.2594, 108.4214**, and **26.3957, 27.2014, 48.6589** is the 20% darker color. If you saturate the color by 10%, you get **45.0866, 45.9941, 88.1637**, and if you desaturate by 10%, it is **63.1520, 66.0547, 91.0836**.

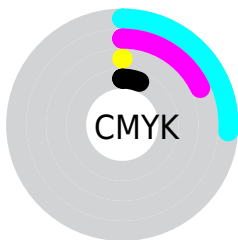
Distribution



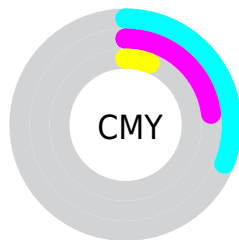
- Red (69%)
- Green (77%)
- Blue (94%)



- Red (69%)
- Yellow (75%)
- Blue (94%)



- Cyan (26%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4507, 55.3946, 89.5364 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 53.4507, 55.3946, 89.5364 by changing the saturation by 10% instead.

■ 53.4507, 55.3946,
89.5364

■ 53.4507, 55.3946,
89.5364

390.2445,
407.4060, 547.0528

■ 38.3916, 39.7177,
67.0247

■ 94.4289, 98.1189,
148.6242

■ 26.4654, 27.3185,
48.6429

121.0786,
125.9351, 186.0372

■ 17.3066, 17.8126,
33.9727

152.3227,
158.5665, 229.2545

■ 10.5500, 10.8155,
22.5955

188.5264,
196.3976, 278.6945

■ 5.8302, 5.9429,
14.0926

230.0550,
239.8126, 334.7758

■ 2.7818, 2.8104,
8.0456

277.2741,

■ 1.0394, 1.0336,

289.1961, 397.9169

4.0360

330.5488,
344.9325, 468.5364

■ 0.0000, 0.0000,
1.6451

■ 0.0000, 0.0000,
0.3227

■ 53.4507, 55.3946,
89.5364

■ 53.4507, 55.3946,
89.5364

■ 45.0866, 45.9941,
88.1637

■ 63.1520, 66.0547,
91.0836

■ 37.9929, 37.7972,
86.9554

■ 74.2428, 78.0143,
92.8075

■ 32.1043, 30.7533,
85.9062

■ 86.7790, 91.3195,
94.7150

■ 27.3475, 24.8050,
85.0087

■ 92.5802, 99.0121,
95.8940

■ 23.6403, 19.8894,
84.2553

■ 20.8880, 15.9355,
83.6372

■ 18.9751, 12.8602,
83.1444

■ 18.4250, 11.9217,
82.9923

Harmonies

Analogous

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



48.9823, 55.3946, 86.6115



53.4507, 55.3946, 89.5364



57.9552, 55.3946, 83.7430

Triad

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



53.4507, 55.3946, 89.5364



60.2973, 55.3946, 46.7706



44.9598, 55.3946, 50.1821

Complementary

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



53.4507, 55.3946, 89.5364



68.5052, 71.6284, 51.2908

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.



47.6805, 55.3946, 41.7234



53.4507, 55.3946, 89.5364



56.4982, 55.3946, 39.9661

Square

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



53.4507, 55.3946, 89.5364



62.0537, 55.3946, 58.0648



51.8591, 55.3946, 38.2635



44.2494, 55.3946, 62.6232

Rectangle

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



53.4507, 55.3946, 89.5364



60.3195, 55.3946, 76.1540



51.8591, 55.3946, 38.2635



45.6615, 55.3946, 46.8407

Sweetspot

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



53.4525, 55.3968, 89.5377



83.7530, 87.9622, 107.1719



61.2901, 75.9714, 77.0464



17.4977, 18.3670, 22.8729



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.



53.4525, 55.3968, 89.5377



56.1662, 57.7380, 102.7920



51.2230, 47.6545, 88.1608



15.3278, 16.0897, 20.0194



10.2896, 6.8034, 45.8987



0.9441, 0.7422, 3.8477

Inverse Universe

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



61.2014, 53.4341, 59.9139



66.7563, 55.4991, 62.2073



71.1929, 81.6173, 53.0772



15.9901, 15.8458, 17.5043



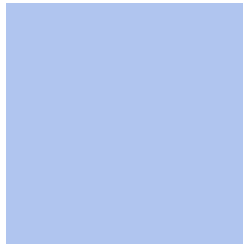
20.5193, 10.4802, 5.3853



1.7515, 0.8896, 0.6822

Previews

White Background



This preview shows how the XYZ color 53.4507, 55.3946, 89.5364 looks on a white background.

Color Contrast Check

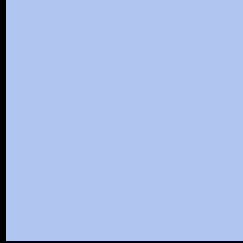
Large Text (above 18pt) WCAG AA × Fail

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 53.4507, 55.3946, 89.5364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

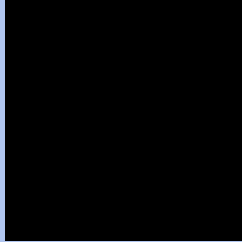
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4507, 55.3946, 89.5364

Background



This preview shows how black text looks on a background with the XYZ color 53.4507, 55.3946, 89.5364.



This preview shows how white text looks on a background with the XYZ color 53.4507, 55.3946,

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

53.4507, 55.3946, 89.5364

Protanopia

55.0714, 55.2628, 87.8850

Deuteranopia

56.5701, 55.3280, 90.1359



Tritanopia

50.2056, 55.4410, 73.7007

Trichromacy



Original Color

53.4507, 55.3946, 89.5364

Protanomaly

54.4762, 55.2705, 88.6860

Deuteranomaly

55.5135, 55.4396, 90.2131

Tritanomaly

51.4785, 55.6290, 79.2584

Monochromacy



Original Color

53.4507, 55.3946, 89.5364

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6099, 55.0521, 70.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4507, 55.3946, 89.5364 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(176, 197, 239)` looks like.

```
.text, #text, p{  
    color:rgb(176, 197, 239)  
}
```

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(176, 197, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 197, 239) }
```

Border

The CSS property to change the border of an element to XYZ 53.4507, 55.3946, 89.5364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

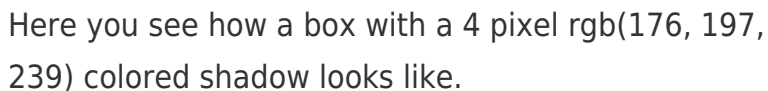
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 197, 239) }
```


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

```
.border{ border-color:rgb(176, 197, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 197, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 197, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 197, 239); box-shadow:4px 4px 4px 4px rgb(176, 197, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4507, 55.3946, 89.5364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 197, 239) }
```

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

```
.background{ background-color: rgb(176,  
197, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor