

Converting Colors

XYZ(43.5982, 48.2861, 94.5982)

Have a look what the booklet for
XYZ(43.5982, 48.2861, 94.5982)
contains.

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Color

**XYZ(43.4337, 48.1264,
94.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	7BBFF6
RGB	123, 191, 246
RGB Percent	48%, 75%, 96%
CMY	0.5176, 0.2510, 0.0353
CMYK	0.50, 0.22, 0.00, 0.04
HSL	207°, 87%, 72%
HSV	207°, 50%, 96%
XYZ	43.4337, 48.1264, 94.1889
YIQ	176.9380, -58.1830, 2.6890

Conversions

Conversions Part 2

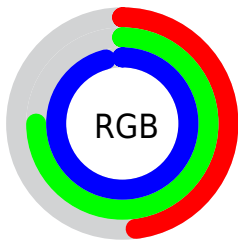
Format	Color
R _Y B	123, 167, 246
Decimal	8110070
CIE Lab	74.90, -6.71, -33.83
CIE LCh	75, 34.491, 258.787
Yxy	48.1264, 0.2338, 0.2591
Android (android.graphics.Color)	4286300150 (0xFF7BBFF6)
YUV	176.9380, 34.0476, -47.3036
Hunter-Lab	69.3732, -9.6464, -31.9376

Details

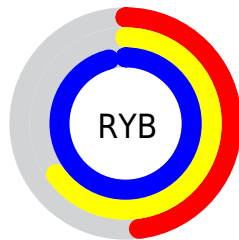
The XYZ color **43.4337, 48.1264, 94.1889** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.5030, 52.8653, 25.9139**, and the grayscale version is **41.6077, 43.7746, 47.6705**.

A 20% lighter version of the original color is **70.3668, 83.5653, 107.0287**, and **20.3237, 22.9078, 51.4946** is the 20% darker color. If you saturate the color by 10%, you get **38.0374, 41.9169, 93.2757**, and if you desaturate by 10%, it is **49.8975, 55.1556, 95.2059**.

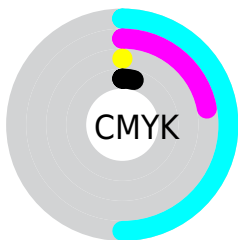
Distribution



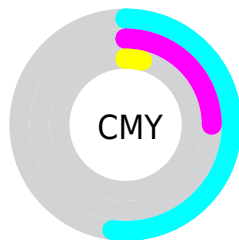
- Red (48%)
- Green (75%)
- Blue (96%)



- Red (48%)
- Yellow (65%)
- Blue (96%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4337, 48.1264, 94.1889 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 43.4337, 48.1264, 94.1889 by changing the saturation by 10% instead.

■ 43.4337, 48.1264,
94.1889

■ 43.4337, 48.1264,
94.1889

351.2837,
379.2929, 562.4829

■ 30.4215, 33.9270,
70.8669

■ 79.6166, 87.3926,
155.1295

■ 20.3084, 22.8375,
51.7524

■ 103.5180,
113.2281, 193.5852

■ 12.7290, 14.4736,
36.4269

■ 131.7799,
143.7112, 237.9225

■ 7.3179, 8.4508,
24.4718

164.7676,
179.2262, 288.5601

■ 3.7098, 4.3847,
15.4685

202.8464,
220.1574, 345.9163

■ 1.5393, 1.8910,
8.9986

246.3819,

■ 0.3523, 0.5430,

266.8894, 410.4099

4.6435

295.7391,
319.8064, 482.4592

■ 0.0000, 0.0000,
1.9846

■ 0.0000, 0.0000,
0.5458

■ 43.4337, 48.1264,
94.1889

■ 43.4337, 48.1264,
94.1889

■ 38.0374, 41.9169,
93.2757

■ 49.8975, 55.1556,
95.2059

■ 33.6323, 36.4791,
92.4582

■ 57.4882, 63.0379,
96.3273

■ 30.1386, 31.7667,
91.7328

■ 66.2663, 71.8110,
97.5580

■ 27.4601, 27.7239,
91.0936

■ 76.2865, 81.5083,
98.9016

■ 25.4394, 24.2631,
90.5321

■ 87.5996, 92.1613,
100.3616

■ 25.4390, 24.2624,
90.5320

■ 93.6347, 99.4339,
101.4473

Harmonies

Analogous

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



38.2365, 48.1264, 82.9725



43.4337, 48.1264, 94.1889



49.7443, 48.1264, 92.4512

Triad

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



43.4337, 48.1264, 94.1889



58.1583, 48.1264, 42.0310



37.2440, 48.1264, 32.7531

Complementary

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



43.4337, 48.1264, 94.1889



57.5030, 52.8653, 25.9139

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.



41.9617, 48.1264, 25.9990



43.4337, 48.1264, 94.1889



54.1720, 48.1264, 30.4472

Square

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



43.4337, 48.1264, 94.1889



58.6444, 48.1264, 59.4208



48.1321, 48.1264, 25.2648



34.8873, 48.1264, 45.9579

Rectangle

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



43.4337, 48.1264, 94.1889



53.7347, 48.1264, 84.2581



48.1321, 48.1264, 25.2648



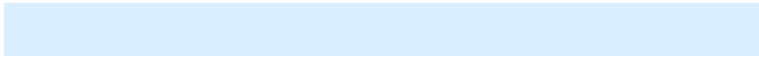
38.5852, 48.1264, 29.7963

Sweetspot

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



43.4353, 48.1282, 94.1901



77.1354, 83.0222, 106.5672



48.9918, 73.2702, 52.7923



16.0255, 17.2995, 22.7445



0.0000, 0.0000, 0.0000



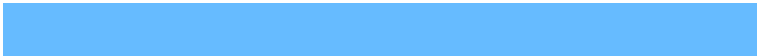
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4353, 48.1282, 94.1901



41.2120, 45.4098, 101.2006



32.9477, 27.1530, 90.6942



16.3408, 17.4459, 21.0487



13.7204, 13.2346, 48.3694



1.3084, 1.3682, 4.2854

Inverse Universe

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



54.4943, 37.5220, 53.6623



54.9167, 34.3329, 50.5139



72.0987, 82.0567, 30.7791



16.8826, 16.6359, 19.1283



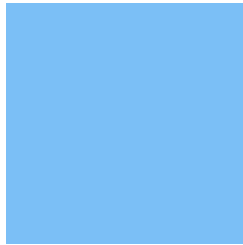
22.7299, 11.4354, 13.8182



2.0495, 1.0258, 1.4869

Previews

White Background



This preview shows how the XYZ color 43.4337, 48.1264, 94.1889 looks on a white background.

Color Contrast Check

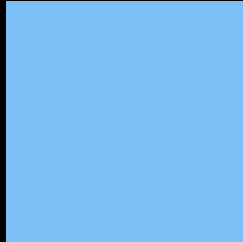
Large Text (above 18pt) WCAG AA × Fail

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 43.4337, 48.1264, 94.1889 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

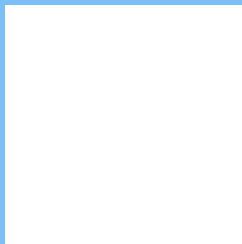
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4337, 48.1264, 94.1889

Background



This preview shows how black text looks on a background with the XYZ color 43.4337, 48.1264, 94.1889.



This preview shows how white text looks on a background with the XYZ color 43.4337, 48.1264,

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

43.4337, 48.1264, 94.1889

Protanopia

48.2523, 47.6046, 88.3068

Deuteranopia

48.9842, 47.8244, 95.4562



Tritanopia

38.6586, 48.1813, 70.2132

Trichromacy



Original Color

43.4337, 48.1264, 94.1889

Protanomaly

46.3249, 47.7841, 90.7861

Deuteranomaly

46.7151, 47.8974, 94.7786

Tritanomaly

40.3082, 48.1795, 78.4093

Monochromacy



Original Color

43.4337, 48.1264, 94.1889

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.2932, 44.8883, 62.3650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4337, 48.1264, 94.1889 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(123, 191, 246)` looks like.

```
.text, #text, p{  
    color:rgb(123, 191, 246)  
}
```

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(123, 191, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 191, 246) }
```

Border

The CSS property to change the border of an element to XYZ 43.4337, 48.1264, 94.1889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

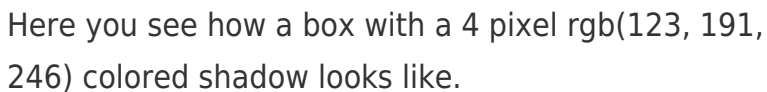
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 191, 246) }
```


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

```
.border{ border-color:rgb(123, 191, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(123, 191, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 191, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 191, 246); box-shadow:4px 4px 4px 4px rgb(123, 191, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4337, 48.1264, 94.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 191, 246) }
```

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

```
.background{ background-color: rgb(123,  
191, 246) }
```

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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