

Converting Colors

XYZ(43.4052, 47.4821,
101.4850)

Have a look what the booklet for
XYZ(43.4052, 47.4821, 101.4850)
contains.

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Color

**XYZ(43.5337, 47.6917,
101.5187)**

Conversions

Conversions Part 1

Format	Color
Hex	73BEFF
RGB	115, 190, 255
RGB Percent	45%, 75%, 100%
CMY	0.5490, 0.2549, 0.0000
CMYK	0.55, 0.25, 0.00, 0.00
HSL	208°, 100%, 73%
HSV	208°, 55%, 100%
XYZ	43.5337, 47.6917, 101.5187
YIQ	174.9850, -65.5650, 4.3150

Conversions

Conversions Part 2

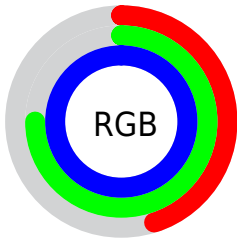
Format	Color
RYB	115, 164, 255
Decimal	7585535
CIELab	74.63, -5.23, -39.13
CIELCh	75, 39.474, 262.389
Yxy	47.6917, 0.2259, 0.2474
Android (android.graphics.Color)	4285775615 (0xFF73BEFF)
YUV	174.9850, 39.4474, -52.6068
Hunter-Lab	69.0592, -8.3303, -38.8163

Details

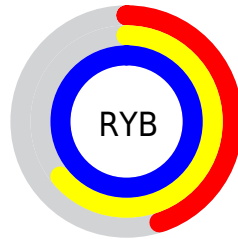
The XYZ color **43.5337, 47.6917, 101.5187** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.6571, 55.1424, 23.6684**, and the grayscale version is **40.5681, 42.6808, 46.4794**.

A 20% lighter version of the original color is **68.6850, 82.2455, 106.8626**, and **20.4053, 22.6215, 56.7170** is the 20% darker color. If you saturate the color by 10%, you get **38.1715, 41.2748, 100.5627**, and if you desaturate by 10%, it is **50.0344, 55.0066, 102.5880**.

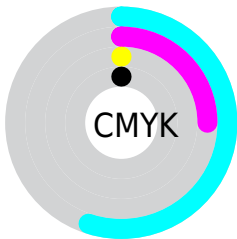
Distribution



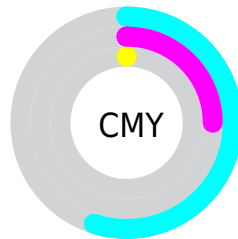
- Red (45%)
- Green (75%)
- Blue (100%)



- Red (45%)
- Yellow (64%)
- Blue (100%)



- Cyan (55%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5337, 47.6917, 101.5187 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 43.5337, 47.6917, 101.5187 by changing the saturation by 10% instead.

■ 43.5337, 47.6917,
101.5187

■ 43.5337, 47.6917,
101.5187

351.6865,
377.5688, 586.3391

■ 30.5004, 33.5828,
76.9455

■ 79.7663, 86.7452,
165.3127

■ 20.3687, 22.5733,
56.6969

■ 103.6964,
112.4586, 205.3706

■ 12.7731, 14.2787,
40.3542

■ 131.9894,
142.8089, 251.4272

■ 7.3484, 8.3148,
27.4989

165.0107,
178.1806, 303.9010

■ 3.7292, 4.2970,
17.7125

203.1258,
218.9581, 363.2106

■ 1.5501, 1.8411,
10.5765

246.6998,

■ 0.3596, 0.5126,

265.5256, 429.7744

5.6723

296.0983,
318.2678, 504.0110

■ 0.0000, 0.0000,
2.5813

■ 0.0000, 0.0000,
0.8828

■ 43.5337, 47.6917,
101.5187

■ 43.5337, 47.6917,
101.5187

■ 38.1715, 41.2748,
100.5627

■ 50.0344, 55.0066,
102.5880

■ 33.8600, 35.7005,
99.7140

■ 57.7434, 63.2598,
103.7747

■ 30.5039, 30.9132,
98.9669

■ 66.7299, 72.4947,
105.0836

■ 27.9853, 26.8441,
98.3142

■ 77.0560, 82.7500,
106.5188

■ 26.9397, 24.9994,
98.0132

■ 88.7797, 94.0620,
108.0843

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



37.4496, 47.6917, 89.7587



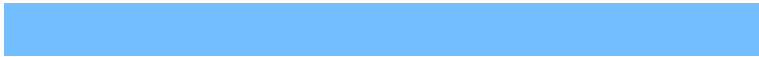
43.5337, 47.6917, 101.5187



50.7675, 47.6917, 97.4775

Triad

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



43.5337, 47.6917, 101.5187



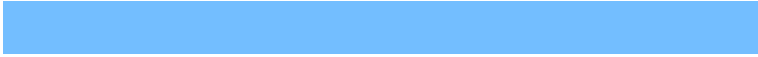
59.2593, 47.6917, 38.3345



35.2921, 47.6917, 31.4227

Complementary

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



43.5337, 47.6917, 101.5187



60.6571, 55.1424, 23.6684

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.



40.2944, 47.6917, 23.3778



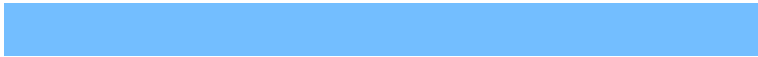
43.5337, 47.6917, 101.5187



54.2438, 47.6917, 26.5753

Square

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



43.5337, 47.6917, 101.5187



60.3597, 47.6917, 57.3171



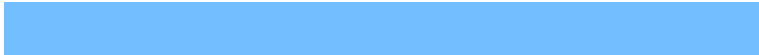
47.1741, 47.6917, 21.8725



33.0278, 47.6917, 46.8880

Rectangle

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



43.5337, 47.6917, 101.5187



55.2389, 47.6917, 86.7557



47.1741, 47.6917, 21.8725



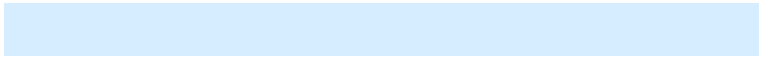
36.6824, 47.6917, 27.9474

Sweetspot

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



43.5352, 47.6933, 101.5189



75.8518, 81.5699, 106.3545



50.8675, 78.3798, 54.5694



15.7631, 16.9943, 22.6994



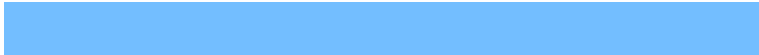
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.5352, 47.6933, 101.5189



37.6470, 40.6207, 100.4641



32.0815, 24.7861, 97.7010



17.8089, 18.9895, 22.9767



14.2277, 13.3649, 51.2644



1.4947, 1.5201, 5.0279

Inverse Universe

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



56.6661, 37.2409, 52.9182



52.5458, 31.1966, 44.7738



77.9024, 89.6330, 29.4168



18.4162, 18.1498, 20.8089



23.9697, 12.0772, 13.7566



2.3891, 1.1980, 1.6302

Previews

White Background



This preview shows how the XYZ color 43.5337, 47.6917, 101.5187 looks on a white background.

Color Contrast Check

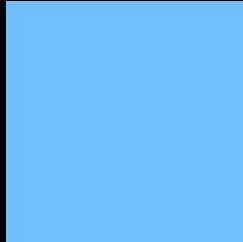
Large Text (above 18pt) WCAG AA × Fail

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 43.5337, 47.6917, 101.5187 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

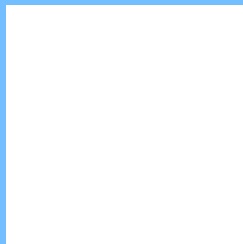
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5337, 47.6917, 101.5187

Background



This preview shows how black text looks on a background with the XYZ color 43.5337, 47.6917, 101.5187.



This preview shows how white text looks on a background with the XYZ color 43.5337, 47.6917,

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

43.5337, 47.6917, 101.5187

Protanopia

48.2140, 47.1444, 94.5543

Deuteranopia

48.4785, 47.4358, 101.2087



Tritanopia

37.5872, 47.9525, 70.8930

Trichromacy



Original Color

43.5337, 47.6917, 101.5187

Protanomaly

46.2499, 47.2941, 97.1335

Deuteranomaly

46.3458, 47.2518, 101.2856

Tritanomaly

39.4837, 47.6906, 81.2529

Monochromacy



Original Color

43.5337, 47.6917, 101.5187

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.3572, 43.7745, 63.4490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5337, 47.6917, 101.5187 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(115, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 190, 255)  
}
```

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(115, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.5337, 47.6917, 101.5187 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(115, 190, 255) }
```


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

```
.border{ border-color:rgb(115, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 190, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 190, 255); box-shadow:4px 4px 4px 4px rgb(115, 190, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5337, 47.6917, 101.5187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 190, 255) }
```

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

```
.background{ background-color: rgb(115,  
190, 255) }
```

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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