

Converting Colors

XYZ(43.4036, 46.0100,
101.2009)

Have a look what the booklet for
XYZ(43.4036, 46.0100, 101.2009)
contains.

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Color

**XYZ(43.4250, 46.0555,
101.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	7AB9FF
RGB	122, 185, 255
RGB Percent	48%, 73%, 100%
CMY	0.5215, 0.2745, 0.0000
CMYK	0.52, 0.27, 0.00, 0.00
HSL	212°, 100%, 74%
HSV	212°, 52%, 100%
XYZ	43.4250, 46.0555, 101.2086
YIQ	174.1430, -60.0180, 8.4140

Conversions

Conversions Part 2

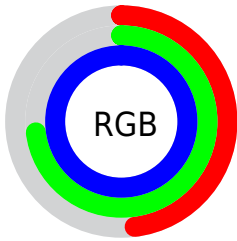
Format	Color
RYB	122, 165, 255
Decimal	8043007
CIELab	73.58, -1.03, -40.74
CIELCh	74, 40.748, 268.552
Yxy	46.0555, 0.2277, 0.2415
Android (android.graphics.Color)	4286233087 (0xFF7AB9FF)
YUV	174.1430, 39.8625, -45.7294
Hunter-Lab	67.8642, -4.5436, -40.9166

Details

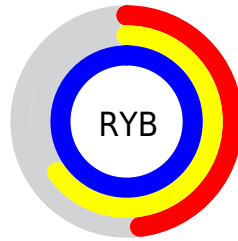
The XYZ color **43.4250, 46.0555, 101.2086** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.6037, 60.3661, 26.7139**, and the grayscale version is **40.1307, 42.2207, 45.9783**.

A 20% lighter version of the original color is **68.5614, 79.9544, 106.4269**, and **20.3078, 21.5404, 56.5135** is the 20% darker color. If you saturate the color by 10%, you get **37.6003, 39.0804, 100.1693**, and if you desaturate by 10%, it is **50.4647, 54.0522, 102.3811**.

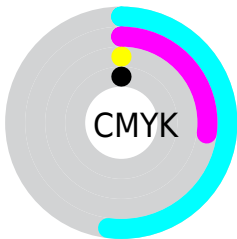
Distribution



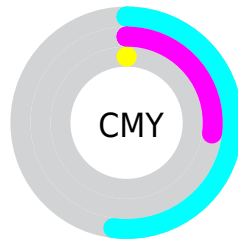
- Red (48%)
- Green (73%)
- Blue (100%)



- Red (48%)
- Yellow (65%)
- Blue (100%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4250, 46.0555, 101.2086 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 43.4250, 46.0555, 101.2086 by changing the saturation by 10% instead.

■ 43.4250, 46.0555,
101.2086

■ 43.4250, 46.0555,
101.2086

351.2486,
371.0317, 585.3404

■ 30.4147, 32.2896,
76.6878

■ 79.6035, 84.3021,
164.8834

■ 20.3032, 21.5828,
56.4866

■ 103.5025,
109.5515, 204.8745

■ 12.7252, 13.5507,
40.1866

■ 131.7616,
139.3976, 250.8594

■ 7.3153, 7.8088,
27.3692

164.7464,
174.2248, 303.2567

■ 3.7081, 3.9729,
17.6158

202.8221,
214.4174, 362.4849

■ 1.5384, 1.6584,
10.5079

246.3542,

■ 0.3517, 0.3965,

260.3598, 428.9626

5.6270

295.7079,
312.4365, 503.1082

■ 0.0000, 0.0000,
2.5545

■ 0.0000, 0.0000,
0.8689

■ 43.4250, 46.0555,
101.2086

■ 43.4250, 46.0555,
101.2086

■ 37.6003, 39.0804,
100.1693

■ 50.4647, 54.0522,
102.3811

■ 32.9032, 33.0683,
99.2564

■ 58.7897, 63.1145,
103.6915

■ 29.2402, 27.9606,
98.4636

■ 68.4696, 73.2892,
105.1452

■ 26.4977, 23.6870,
97.7832

■ 79.5675, 84.6184,
106.7471

■ 24.8617, 20.8434,
97.3206

■ 92.1421, 97.1419,
108.5016

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.



36.9347, 46.0555, 92.1994



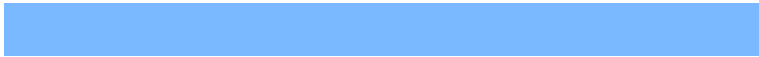
43.4250, 46.0555, 101.2086



50.7378, 46.0555, 93.7132

Triad

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



43.4250, 46.0555, 101.2086



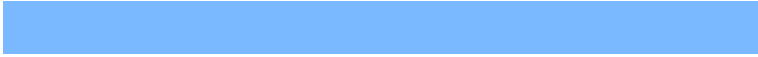
57.1109, 46.0555, 33.4682



32.9839, 46.0555, 32.1586

Complementary

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



43.4250, 46.0555, 101.2086



63.6037, 60.3661, 26.7139

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.



37.4791, 46.0555, 22.7385



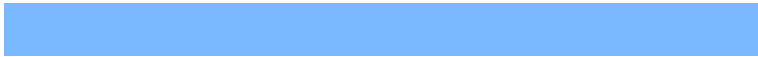
43.4250, 46.0555, 101.2086



51.4102, 46.0555, 23.3358

Square

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



43.4250, 46.0555, 101.2086



59.1415, 46.0555, 51.1566



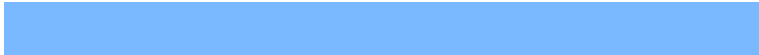
44.1256, 46.0555, 20.0139



31.3304, 46.0555, 49.1500

Rectangle

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



43.4250, 46.0555, 101.2086



55.0055, 46.0555, 81.2746



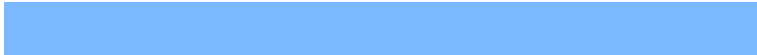
44.1256, 46.0555, 20.0139



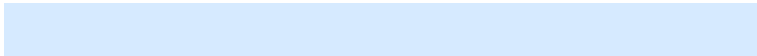
34.1866, 46.0555, 28.1951

Sweetspot

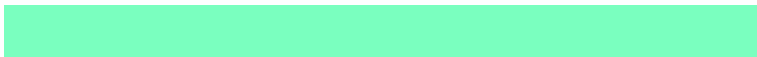
The Sweet Spot groups the original color and five complimentary colors.



43.4265, 46.0571, 101.2088



75.1281, 80.1224, 106.1132



53.1601, 79.4073, 61.6539



15.5908, 16.6497, 22.6419



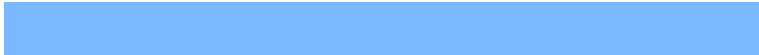
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.4265, 46.0571, 101.2088



37.1607, 38.5354, 100.0872



33.3547, 25.4423, 97.7606



17.7126, 18.7969, 22.9446



13.1378, 11.1851, 50.9011



1.3876, 1.3059, 4.9922

Inverse Universe

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



56.9575, 38.6835, 50.3651



52.5719, 32.2470, 41.7056



79.7025, 93.7673, 32.3125



18.3676, 18.1304, 20.5530



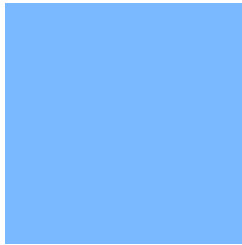
23.4195, 11.8571, 10.8596



2.3350, 1.1764, 1.3455

Previews

White Background



This preview shows how the XYZ color 43.4250, 46.0555, 101.2086 looks on a white background.

Color Contrast Check

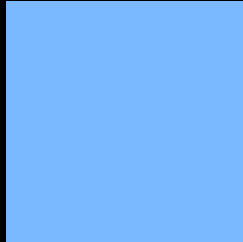
Large Text (above 18pt) WCAG AA × Fail

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 43.4250, 46.0555, 101.2086 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

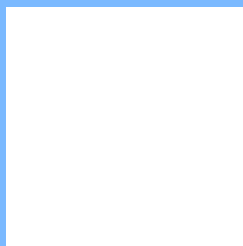
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4250, 46.0555, 101.2086

Background



This preview shows how black text looks on a background with the XYZ color 43.4250, 46.0555, 101.2086.



This preview shows how white text looks on a background with the XYZ color 43.4250, 46.0555,

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

43.4250, 46.0555, 101.2086

Protanopia

46.9216, 45.5529, 95.9421

Deuteranopia

46.9193, 45.7362, 100.9628



Tritanopia

36.7443, 46.2512, 67.3123

Trichromacy



Original Color

43.4250, 46.0555, 101.2086

Protanomaly

45.4109, 45.6273, 97.6803

Deuteranomaly

45.5584, 45.9305, 101.0720

Tritanomaly

39.0404, 46.1973, 78.8108

Monochromacy



Original Color

43.4250, 46.0555, 101.2086

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2175, 43.1211, 62.7034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4250, 46.0555, 101.2086 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(122, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 185, 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(122, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 185, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.4250, 46.0555, 101.2086 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(122, 185, 255) }
```


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

```
.border{ border-color:rgb(122, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 185,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4250, 46.0555, 101.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 185, 255) }
```

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

```
.background{ background-color: rgb(122,  
185, 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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