

Converting Colors

XYZ(44.2064, 43.9317,
105.0316)

Have a look what the booklet for
XYZ(44.2064, 43.9317, 105.0316)
contains.

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Color

**XYZ(43.4450, 43.6508,
100.7434)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 85B1FF |
| RGB | 133, 177, 255 |
| RGB Percent | 52%, 69%, 100% |
| CMY | 0.4784, 0.3059, 0.0000 |
| CMYK | 0.48, 0.31, 0.00, 0.00 |
| HSL | 218°, 100%, 76% |
| HSV | 218°, 48%, 100% |
| XYZ | 43.4450, 43.6508, 100.7434 |
| YIQ | 172.7360, -51.2620, 14.9300 |

Conversions

Conversions Part 2

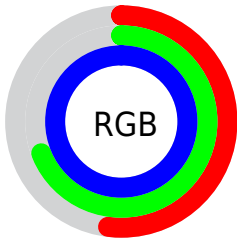
| Format | Color |
|-------------------------------------|---|
| RYB | 133, 165, 255 |
| Decimal | 8761855 |
| CIELab | 71.99, 5.87, -43.17 |
| CIElCh | 72, 43.569, 277.743 |
| Yxy | 43.6508, 0.2313, 0.2324 |
| Android (android.graphics.Color) | 4286951935 (0xFF85B1FF) |
| YUV | 172.7360, 40.5562, -34.8485 |
| Hunter-Lab | 66.0688, 1.7564, -44.1589 |

Details

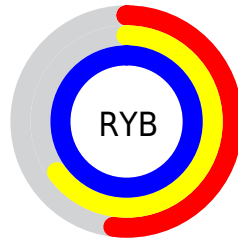
The XYZ color **43.4450, 43.6508, 100.7434** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **68.7690, 69.5436, 31.9911**, and the grayscale version is **39.4063, 41.4585, 45.1483**.

A 20% lighter version of the original color is **68.3925, 76.0096, 105.6744**, and **20.3507, 20.2003, 56.2525** is the 20% darker color. If you saturate the color by 10%, you get **36.8667, 35.7619, 99.5674**, and if you desaturate by 10%, it is **51.3879, 52.8159, 102.0938**.

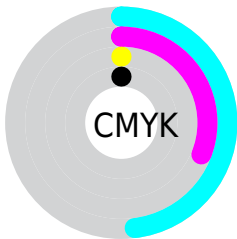
Distribution



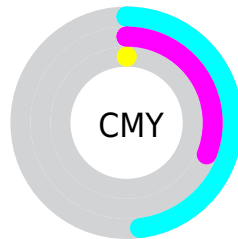
- Red (52%)
- Green (69%)
- Blue (100%)



- Red (52%)
- Yellow (65%)
- Blue (100%)



- Cyan (48%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4450, 43.6508, 100.7434 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 43.4450, 43.6508, 100.7434 by changing the saturation by 10% instead.

■ 43.4450, 43.6508,
100.7434

■ 43.4450, 43.6508,
100.7434

351.3292,
361.2814, 583.8405

■ 30.4305, 30.3961,
76.3012

■ 79.6335, 80.6920,
164.2392

■ 20.3152, 20.1394,
56.1714

■ 103.5381,
105.2473, 204.1298

■ 12.7340, 12.4964,
39.9354

■ 131.8035,
134.3382, 250.0071

■ 7.3214, 7.0827,
27.1748

164.7950,
168.3492, 302.2894

■ 3.7120, 3.5139,
17.4709

202.8780,
207.6646, 361.3953

■ 1.5405, 1.4055,
10.4053

246.4178,

■ 0.3532, 0.2208,

252.6689, 427.7435

5.5594

295.7797,
303.7463, 501.7524

■ 0.0000, 0.0000,
2.5147

■ 0.0000, 0.0000,
0.8479

■ 43.4450, 43.6508,
100.7434

■ 43.4450, 43.6508,
100.7434

■ 36.8667, 35.7619,
99.5674

■ 51.3879, 52.8159,
102.0938

■ 31.5635, 29.0807,
98.5573

■ 60.7688, 63.3117,
103.6253

■ 27.4405, 23.5378,
97.7047

■ 71.6605, 75.1946,
105.3448

■ 24.3861, 19.0532,
97.0001

■ 84.1294, 88.5164,
107.2590

■ 22.2550, 15.5276, 95.0500, 100.0000,
96.4319 108.9000

■ 21.8741, 14.8683,
96.3247

Harmonies

Analogous

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



36.3055, 43.6508, 96.3894



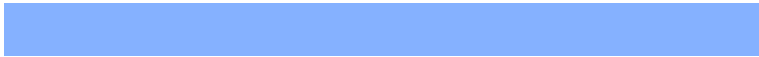
43.4450, 43.6508, 100.7434



50.8704, 43.6508, 87.8180

Triad

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



43.4450, 43.6508, 100.7434



53.8530, 43.6508, 26.6115



29.6133, 43.6508, 33.6447

Complementary

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



43.4450, 43.6508, 100.7434



68.7690, 69.5436, 31.9911

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.



33.3379, 43.6508, 21.9450



43.4450, 43.6508, 100.7434



47.1433, 43.6508, 18.8116

Square

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



43.4450, 43.6508, 100.7434



57.3299, 43.6508, 42.2223



39.5922, 43.6508, 17.4048



28.8729, 43.6508, 53.2612

Rectangle

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



43.4450, 43.6508, 100.7434



54.7923, 43.6508, 72.9037



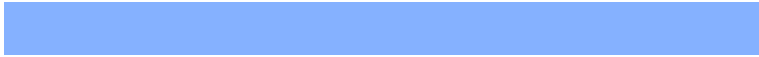
39.5922, 43.6508, 17.4048



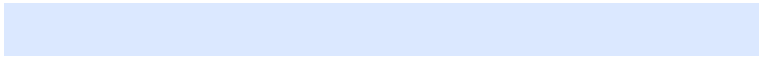
30.5343, 43.6508, 28.8524

Sweetspot

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



43.4464, 43.6523, 100.7436



76.2597, 80.1385, 106.0567



57.1001, 81.1736, 73.8070



15.7635, 16.5529, 22.6141



0.0000, 0.0000, 0.0000



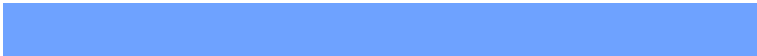
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4464, 43.6523, 100.7436



37.3696, 36.3780, 99.6598



38.8823, 30.4117, 98.4285



17.5392, 18.4500, 22.8867



11.5580, 8.0256, 50.3745



1.2245, 0.9798, 4.9378

Inverse Universe

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



57.5644, 41.2110, 46.5169



53.3061, 34.9476, 38.1512



75.5009, 91.5181, 35.8778



18.2801, 18.0953, 20.0919



22.6222, 11.5382, 6.6607



2.2527, 1.1435, 0.9121

Previews

White Background



This preview shows how the XYZ color 43.4450, 43.6508, 100.7434 looks on a white background.

Color Contrast Check

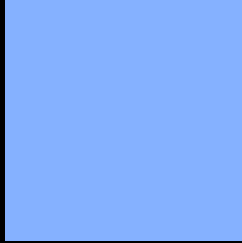
Large Text (above 18pt) WCAG AA × Fail

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 43.4450, 43.6508, 100.7434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

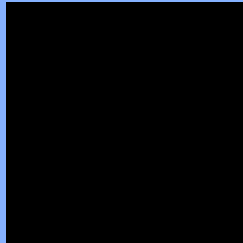
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

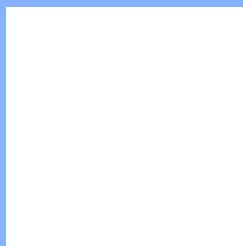
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4450, 43.6508, 100.7434

Background



This preview shows how black text looks on a background with the XYZ color 43.4450, 43.6508, 100.7434.



This preview shows how white text looks on a background with the XYZ color 43.4450, 43.6508,

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

43.4450, 43.6508, 100.7434

Protanopia

45.2768, 43.4947, 98.1044

Deuteranopia

44.6877, 43.4214, 100.6336



Tritanopia

35.7671, 43.5868, 62.4051

Trichromacy



Original Color

43.4450, 43.6508, 100.7434

Protanomaly

44.3673, 43.2932, 98.9465

Deuteranomaly

44.1952, 43.4554, 100.6661

Tritanomaly

38.1530, 43.2984, 74.7532

Monochromacy



Original Color

43.4450, 43.6508, 100.7434

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0161, 41.8530, 62.4693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4450, 43.6508, 100.7434 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(133, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 177, 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(133, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.4450, 43.6508, 100.7434 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(133, 177, 255) }
```


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

```
.border{ border-color:rgb(133, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4450, 43.6508, 100.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 177, 255) }
```

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

```
.background{ background-color: rgb(133,  
177, 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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