

Converting Colors

XYZ(44.5668, 48.6673, 86.0063)

Have a look what the booklet for
XYZ(44.5668, 48.6673, 86.0063)
contains.

XYZ(44.3934, 48.4878, 85.6166)	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(44.3934, 48.4878,
85.6166)**

Conversions

Conversions Part 1

Format	Color
Hex	8DBEEB
RGB	141, 190, 235
RGB Percent	55%, 75%, 92%
CMY	0.4470, 0.2549, 0.0784
CMYK	0.40, 0.19, 0.00, 0.08
HSL	209°, 70%, 74%
HSV	209°, 40%, 92%
XYZ	44.3934, 48.4878, 85.6166
YIQ	180.4790, -43.6490, 3.6070

Conversions

Conversions Part 2

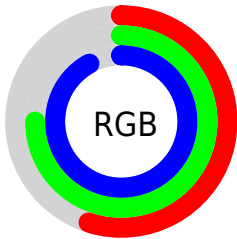
Format	Color
RYB	141, 173, 235
Decimal	9289451
CIELab	75.13, -4.87, -27.48
CIELCh	75, 27.904, 259.950
Yxy	48.4878, 0.2487, 0.2716
Android (android.graphics.Color)	4287479531 (0xFF8DBEEB)
YUV	180.4790, 26.8789, -34.6231
Hunter-Lab	69.6332, -8.0586, -24.1560

Details

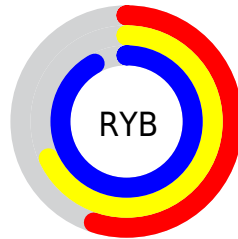
The XYZ color **44.3934, 48.4878, 85.6166** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.6288, 54.7044, 32.7754**, and the grayscale version is **43.5180, 45.7843, 49.8591**.

A 20% lighter version of the original color is **74.0317, 85.0019, 107.1129**, and **20.9201, 23.1244, 46.0087** is the 20% darker color. If you saturate the color by 10%, you get **38.4703, 41.9566, 84.6690**, and if you desaturate by 10%, it is **51.3555, 55.8360, 86.6689**.

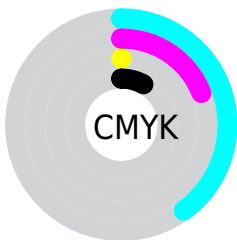
Distribution



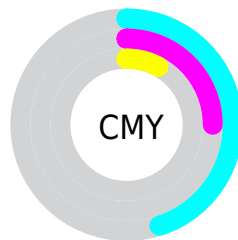
- Red (55%)
- Green (75%)
- Blue (92%)



- Red (55%)
- Yellow (68%)
- Blue (92%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3934, 48.4878, 85.6166 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 44.3934, 48.4878, 85.6166 by changing the saturation by 10% instead.

■ 44.3934, 48.4878,
85.6166

■ 44.3934, 48.4878,
85.6166

355.1364,
380.7224, 533.8639

■ 31.1791, 34.2133,
63.7979

■ 81.0521, 87.9302,
143.1161

■ 20.8878, 23.0575,
46.0419

■ 105.2272,
113.8670, 179.6341

■ 13.1540, 14.6360,
31.9300

133.7867,
144.4600, 221.8888

■ 7.6124, 8.5643,
21.0436

167.0958,
180.0937, 270.2989

■ 3.8977, 4.4581,
12.9643

205.5200,
221.1523, 325.2830

■ 1.6444, 1.9330,
7.2736

249.4246,

■ 0.4211, 0.5681,

268.0204, 387.2594

3.5527

299.1749,
321.0823, 456.6469

■ 0.0000, 0.0000,
1.3833

■ 0.0000, 0.0000,
0.1287

■ 44.3934, 48.4878,
85.6166

■ 44.3934, 48.4878,
85.6166

■ 38.4703, 41.9566,
84.6690

■ 51.3555, 55.8360,
86.6689

■ 33.5232, 36.2004,
83.8187

■ 59.4052, 64.0291,
87.8260

■ 29.4889, 31.1812,
83.0625

■ 68.5937, 73.1004,
89.0927

■ 26.2940, 26.8545,
82.3958

■ 78.9673, 83.0796,
90.4721

■ 23.8517, 23.1686,
81.8130

■ 89.2683, 93.3237,
91.9065

■ 22.0172, 20.0413,
81.3061

■ 91.9956, 98.7782,
92.8156

■ 22.0169, 20.0409,
81.3060

Harmonies

Analogous

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



40.0510, 48.4878, 77.3859



44.3934, 48.4878, 85.6166



49.5191, 48.4878, 83.8942

Triad

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



44.3934, 48.4878, 85.6166



55.9484, 48.4878, 43.7677



38.9695, 48.4878, 36.6853

Complementary

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



44.3934, 48.4878, 85.6166



56.6288, 54.7044, 32.7754

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.



42.8157, 48.4878, 30.5232



44.3934, 48.4878, 85.6166



52.6992, 48.4878, 34.0581

Square

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



44.3934, 48.4878, 85.6166



56.4491, 48.4878, 57.8573



47.8215, 48.4878, 29.6596



37.0761, 48.4878, 48.0369

Rectangle

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



44.3934, 48.4878, 85.6166



52.6847, 48.4878, 77.4269



47.8215, 48.4878, 29.6596



40.0630, 48.4878, 34.0344

Sweetspot

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



44.3950, 48.4897, 85.6177



80.1782, 85.6585, 106.9156



49.4371, 68.5777, 56.4580



16.8418, 18.0209, 22.8407



0.0000, 0.0000, 0.0000



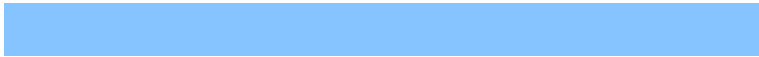
20.3446, 21.4041, 23.3091

Same Dimension

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



44.3950, 48.4897, 85.6177



47.4912, 51.8368, 102.1102



35.9749, 31.6496, 82.8111



14.8809, 15.8482, 19.1969



12.3820, 11.4111, 45.2929



1.0686, 1.0886, 3.5887

Inverse Universe

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



53.0815, 40.4313, 53.7234



59.5828, 41.9297, 57.4194



67.8889, 77.2245, 36.5287



15.3934, 15.1852, 17.3571



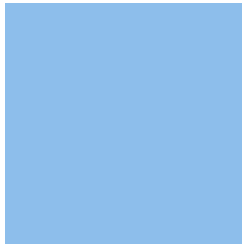
21.1052, 10.6448, 11.6211



1.7059, 0.8553, 1.1684

Previews

White Background



This preview shows how the XYZ color 44.3934, 48.4878, 85.6166 looks on a white background.

Color Contrast Check

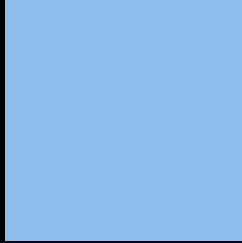
Large Text (above 18pt) WCAG AA × Fail

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 44.3934, 48.4878, 85.6166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

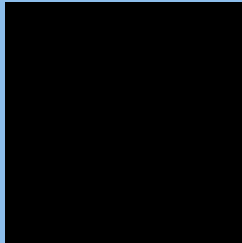
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

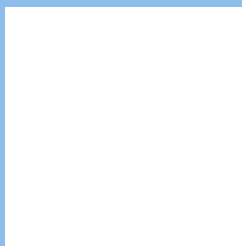
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3934, 48.4878, 85.6166

Background



This preview shows how black text looks on a background with the XYZ color 44.3934, 48.4878, 85.6166.



This preview shows how white text looks on a background with the XYZ color 44.3934, 48.4878,

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

44.3934, 48.4878, 85.6166

Protanopia

48.2445, 48.0533, 81.5954

Deuteranopia

49.2655, 48.1608, 86.8202



Tritanopia

40.7562, 48.3050, 68.1485

Trichromacy



Original Color

44.3934, 48.4878, 85.6166

Protanomaly

46.6124, 48.1012, 83.1717

Deuteranomaly

47.1811, 48.0185, 86.1387

Tritanomaly

42.1727, 48.5728, 74.1706

Monochromacy



Original Color

44.3934, 48.4878, 85.6166

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2917, 46.5581, 61.3485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3934, 48.4878, 85.6166 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(141, 190, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 190, 235)  
}
```

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(141, 190, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 190, 235) }
```

Border

The CSS property to change the border of an element to XYZ 44.3934, 48.4878, 85.6166 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(141, 190, 235) }
```


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

```
.border{ border-color:rgb(141, 190, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 190, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 190, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 190, 235);  
box-shadow:4px 4px 4px 4px rgb(141, 190,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3934, 48.4878, 85.6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 190, 235) }
```

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

```
.background{ background-color: rgb(141,  
190, 235) }
```

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