

Converting Colors

XYZ(43.5954, 44.5226, 84.8937)

Have a look what the booklet for
XYZ(43.5954, 44.5226, 84.8937)
contains.

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Color

**XYZ(43.6932, 44.7224,
84.9267)**

Conversions

Conversions Part 1

Format	Color
Hex	96B3EB
RGB	150, 179, 235
RGB Percent	59%, 70%, 92%
CMY	0.4117, 0.2980, 0.0784
CMYK	0.36, 0.24, 0.00, 0.08
HSL	220°, 68%, 75%
HSV	220°, 36%, 92%
XYZ	43.6932, 44.7224, 84.9267
YIQ	176.7130, -35.2600, 11.2680

Conversions

Conversions Part 2

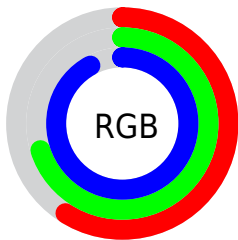
Format	Color
RYB	150, 172, 235
Decimal	9876459
CIELab	72.71, 3.52, -31.16
CIELCh	73, 31.354, 276.452
Yxy	44.7224, 0.2521, 0.2580
Android (android.graphics.Color)	4288066539 (0xFF96B3EB)
YUV	176.7130, 28.7355, -23.4273
Hunter-Lab	66.8748, -0.4065, -28.4821

Details

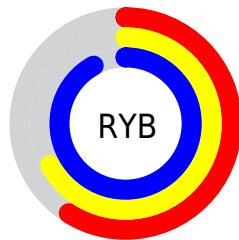
The XYZ color **43.6932, 44.7224, 84.9267** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.8384, 64.0079, 37.9513**, and the grayscale version is **41.5081, 43.6698, 47.5564**.

A 20% lighter version of the original color is **73.2119, 79.7585, 106.1440**, and **20.5499, 20.9202, 45.6027** is the 20% darker color. If you saturate the color by 10%, you get **36.8641, 36.8520, 83.7683**, and if you desaturate by 10%, it is **51.7408, 53.7401, 86.2439**.

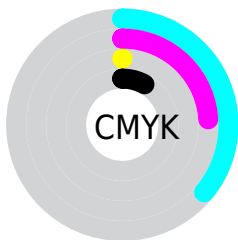
Distribution



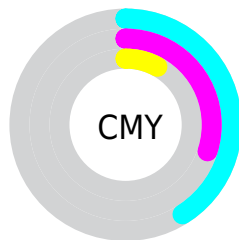
- Red (59%)
- Green (70%)
- Blue (92%)



- Red (59%)
- Yellow (67%)
- Blue (92%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)





- Cyan (41%)
- Magenta (30%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6932, 44.7224, 84.9267 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 43.6932, 44.7224, 84.9267 by changing the saturation by 10% instead.


 43.6932, 44.7224,
84.9267


 43.6932, 44.7224,
84.9267


352.3282,
365.6481, 531.5238

 30.6263, 31.2388,
63.2310


 80.0051, 82.3037,
142.1440

 20.4649, 20.7808,
45.5859

 103.9808,
107.1702, 178.5027

 12.8436, 12.9639,
31.5729


132.3234,
136.5998, 220.5862

 7.3972, 7.4037,
20.7734

165.3983,
170.9769, 268.8129

 3.7603, 3.7158,
12.7688

203.5709,
210.6859, 323.6015

 1.5674, 1.5159,
7.1407

247.2065,

 0.3710, 0.2999,

256.1111, 385.3705

3.4705

296.6705,
307.6371, 454.5384

■ 0.0000, 0.0000,
1.3396

■ 0.0000, 0.0000,
0.0939

■ 43.6932, 44.7224,
84.9267

■ 43.6932, 44.7224,
84.9267

■ 36.8641, 36.8520,
83.7683

■ 51.7408, 53.7401,
86.2439

■ 31.1854, 30.0739,
82.7593

■ 61.0613, 63.9464,
87.7227

■ 26.5889, 24.3360,
81.8940

■ 71.7107, 75.3869,
89.3697

■ 22.9965, 19.5789,
81.1651

■ 83.7406, 88.1028,
91.1900

■ 20.3183, 15.7361,
80.5646

■ 91.9956, 98.7782,
92.8155

■ 18.4448, 12.7294,
80.0830

■ 17.8772, 11.7616,
79.9261

Harmonies

Analogous

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



38.4649, 44.7224, 81.6317



43.6932, 44.7224, 84.9267



49.0279, 44.7224, 76.9742

Triad

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



43.6932, 44.7224, 84.9267



51.4854, 44.7224, 32.9809



33.6237, 44.7224, 37.6836

Complementary

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



43.6932, 44.7224, 84.9267



61.8384, 64.0079, 37.9513

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.



36.5921, 44.7224, 28.3602



43.6932, 44.7224, 84.9267



46.8234, 44.7224, 26.0774

Square

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



43.6932, 44.7224, 84.9267



53.7676, 44.7224, 45.4068



41.3431, 44.7224, 24.5872



32.9403, 44.7224, 52.1384

Rectangle

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



43.6932, 44.7224, 84.9267



51.8315, 44.7224, 67.1912



41.3431, 44.7224, 24.5872



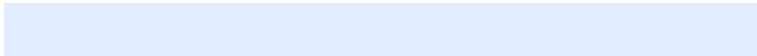
34.3743, 44.7224, 33.9490

Sweetspot

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



43.6947, 44.7241, 84.9278



79.8582, 83.8336, 106.5803



53.3369, 70.3216, 68.6795



16.7220, 17.5450, 22.7551



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.



43.6947, 44.7241, 84.9278



46.6729, 47.0398, 101.2274



40.9563, 35.5727, 83.3057



14.6513, 15.3890, 19.1204



10.0558, 6.7586, 44.5175



0.8760, 0.7036, 3.5245

Inverse Universe

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



53.3053, 42.7311, 48.0880



59.9413, 45.0269, 50.2009



65.4153, 77.1888, 40.3070



15.2775, 15.1389, 16.7469



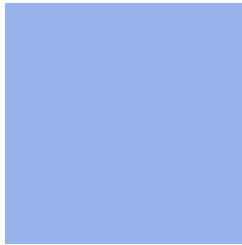
19.9310, 10.1751, 5.4380



1.6087, 0.8164, 0.6567

Previews

White Background



This preview shows how the XYZ color 43.6932, 44.7224, 84.9267 looks on a white background.

Color Contrast Check

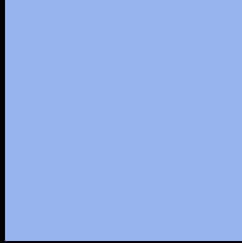
Large Text (above 18pt) WCAG AA × Fail

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 43.6932, 44.7224, 84.9267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

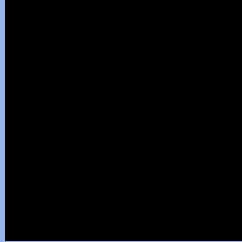
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6932, 44.7224, 84.9267

Background



This preview shows how black text looks on a background with the XYZ color 43.6932, 44.7224, 84.9267.



This preview shows how white text looks on a background with the XYZ color 43.6932, 44.7224,

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

43.6932, 44.7224, 84.9267

Protanopia

45.3376, 44.7204, 83.3331

Deuteranopia

45.7801, 44.6086, 85.5543



Tritanopia

38.9296, 44.6188, 61.2041

Trichromacy



Original Color

43.6932, 44.7224, 84.9267

Protanomaly

44.6740, 44.6539, 84.1064

Deuteranomaly

44.9637, 44.4777, 85.5721

Tritanomaly

40.6208, 44.6908, 69.4360

Monochromacy



Original Color

43.6932, 44.7224, 84.9267

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0498, 44.1335, 59.7284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6932, 44.7224, 84.9267 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(150, 179, 235)` looks like.

```
.text, #text, p{  
    color:rgb(150, 179, 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(150, 179, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 179, 235) }
```

Border

The CSS property to change the border of an element to XYZ 43.6932, 44.7224, 84.9267 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(150, 179, 235) }
```


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

```
.border{ border-color:rgb(150, 179, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 179, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 179, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 179, 235);  
box-shadow:4px 4px 4px 4px rgb(150, 179,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6932, 44.7224, 84.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 179, 235) }
```

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

```
.background{ background-color: rgb(150,  
179, 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](#).

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