

Converting Colors

XYZ(41.4709, 43.7612, 82.6433)

Have a look what the booklet for
XYZ(41.4709, 43.7612, 82.6433)
contains.

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Color

**XYZ(41.3330, 43.5554,
82.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB3E8
RGB	139, 179, 232
RGB Percent	55%, 70%, 91%
CMY	0.4549, 0.2980, 0.0902
CMYK	0.40, 0.23, 0.00, 0.09
HSL	214°, 67%, 73%
HSV	214°, 40%, 91%
XYZ	41.3330, 43.5554, 82.5725
YIQ	173.0820, -40.8530, 8.0030

Conversions

Conversions Part 2

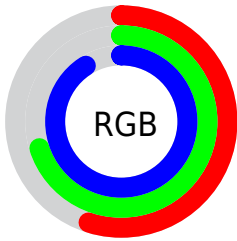
Format	Color
RYB	139, 167, 232
Decimal	9155560
CIELab	71.93, -0.20, -30.78
CIELCh	72, 30.781, 269.630
Yxy	43.5554, 0.2468, 0.2601
Android (android.graphics.Color)	4287345640 (0xFF8BB3E8)
YUV	173.0820, 29.0466, -29.8899
Hunter-Lab	65.9965, -3.7010, -27.9840

Details

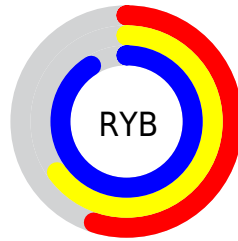
The XYZ color **41.3330, 43.5554, 82.5725** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.7894, 56.7200, 32.3824**, and the grayscale version is **39.6350, 41.6991, 45.4103**.

A 20% lighter version of the original color is **70.2640, 78.2388, 106.0060**, and **18.9535, 19.9411, 43.9244** is the 20% darker color. If you saturate the color by 10%, you get **35.3386, 36.7190, 81.5697**, and if you desaturate by 10%, it is **48.4063, 51.3270, 83.7006**.

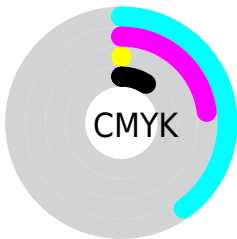
Distribution



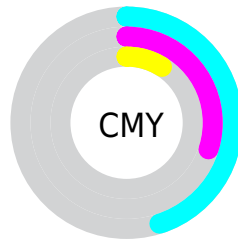
- Red (55%)
- Green (70%)
- Blue (91%)



- Red (55%)
- Yellow (65%)
- Blue (91%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3330, 43.5554, 82.5725 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 41.3330, 43.5554, 82.5725 by changing the saturation by 10% instead.

■ 41.3330, 43.5554,
82.5725

■ 41.3330, 43.5554,
82.5725

342.7493,
360.8909, 523.4943

■ 28.7682, 30.3211,
61.2990

■ 76.4607, 80.5483,
138.8204

■ 19.0489, 20.0825,
44.0344

■ 99.7542, 105.0757,
174.6319

■ 11.8099, 12.4550,
30.3601

127.3548,
134.1364, 216.1265

■ 6.6856, 7.0544,
19.8577

159.6276,
168.1145, 263.7227

■ 3.3108, 3.4961,
12.1086

196.9381,
207.3947, 317.8390

■ 1.3202, 1.3959,
6.6943

239.6517,

■ 0.1983, 0.2137,

252.3612, 378.8940

3.1961

288.1336,
303.3985, 447.3063

■ 0.0000, 0.0000,
1.1956

■ 0.0000, 0.0000,
0.0000

■ 41.3330, 43.5554,
82.5725

■ 41.3330, 43.5554,
82.5725

■ 35.3386, 36.7190,
81.5697

■ 48.4063, 51.3270,
83.7006

■ 30.3592, 30.7717,
80.6842

■ 56.6089, 60.0672,
84.9553

■ 26.3304, 25.6699,
79.9118

■ 65.9930, 69.8135,
86.3419

■ 23.1775, 21.3637,
79.2468

■ 76.6060, 80.5999,
87.8645

■ 20.8126, 17.7956,
78.6827

■ 88.4914, 92.4577,
89.5269

■ 19.1025, 14.8999,
78.2139

■ 91.5656, 98.6063,
90.5516

Harmonies

Analogous

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



36.5051, 43.5554, 76.9683



41.3330, 43.5554, 82.5725



46.5877, 43.5554, 77.2262

Triad

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



41.3330, 43.5554, 82.5725



50.7991, 43.5554, 34.5285



33.2913, 43.5554, 34.2676

Complementary

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



41.3330, 43.5554, 82.5725



56.7894, 56.7200, 32.3824

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.



36.6089, 43.5554, 26.4857



41.3330, 43.5554, 82.5725



46.7099, 43.5554, 26.6124

Square

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



41.3330, 43.5554, 82.5725



52.3257, 43.5554, 47.6112



41.4633, 43.5554, 24.0061



32.1088, 43.5554, 47.2381

Rectangle

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



41.3330, 43.5554, 82.5725



49.5681, 43.5554, 68.7036



41.4633, 43.5554, 24.0061



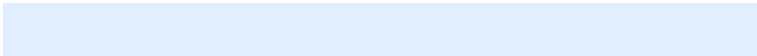
34.1791, 43.5554, 31.0666

Sweetspot

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



41.3345, 43.5571, 82.5735



79.3616, 84.0254, 106.6435



48.9864, 66.9957, 60.0459



16.6499, 17.6370, 22.7767



0.0000, 0.0000, 0.0000



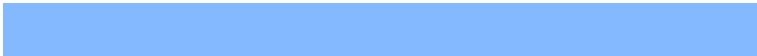
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3345, 43.5571, 82.5735



45.0604, 46.9751, 101.2999



35.5117, 30.3307, 80.3275



14.0901, 14.9015, 18.2780



10.7244, 8.5109, 43.4607



0.8832, 0.8104, 3.2418

Inverse Universe

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



50.6492, 38.8771, 47.4841



58.3559, 41.4389, 50.9582



64.8191, 75.7147, 35.6255



14.6330, 14.4704, 16.2680



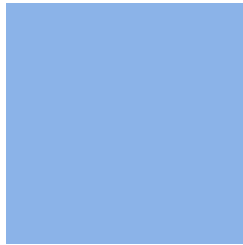
19.8067, 10.0569, 7.8770



1.5094, 0.7615, 0.8232

Previews

White Background



This preview shows how the XYZ color 41.3330, 43.5554, 82.5725 looks on a white background.

Color Contrast Check

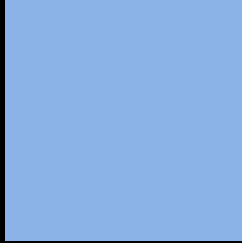
Large Text (above 18pt) WCAG AA × Fail

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 41.3330, 43.5554, 82.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

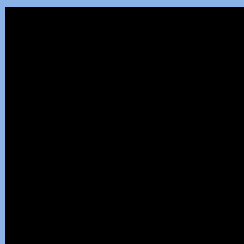
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

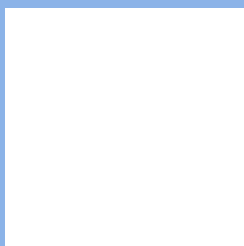
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3330, 43.5554, 82.5725

Background



This preview shows how black text looks on a background with the XYZ color 41.3330, 43.5554, 82.5725.



This preview shows how white text looks on a background with the XYZ color 41.3330, 43.5554,

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

41.3330, 43.5554, 82.5725

Protanopia

43.8376, 43.4506, 79.4751

Deuteranopia

44.3495, 43.3474, 83.1202



Tritanopia

37.1344, 43.6933, 61.1201

Trichromacy



Original Color

41.3330, 43.5554, 82.5725

Protanomaly

42.8051, 43.4801, 80.2652

Deuteranomaly

43.1748, 43.3154, 83.1760

Tritanomaly

38.6487, 43.6888, 68.6831

Monochromacy



Original Color

41.3330, 43.5554, 82.5725

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.7655, 42.1321, 57.0754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3330, 43.5554, 82.5725 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(139, 179, 232)` looks like.

```
.text, #text, p{  
    color:rgb(139, 179, 232)  
}
```

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(139, 179, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 179, 232) }
```

Border

The CSS property to change the border of an element to XYZ 41.3330, 43.5554, 82.5725 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(139, 179, 232) }
```


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

```
.border{ border-color:rgb(139, 179, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 179, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 179, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 179, 232);  
box-shadow:4px 4px 4px 4px rgb(139, 179,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3330, 43.5554, 82.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 179, 232) }
```

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

```
.background{ background-color: rgb(139,  
179, 232) }
```

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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