

Converting Colors

XYZ(43.6601, 48.7411, 78.8959)

Have a look what the booklet for
XYZ(43.6601, 48.7411, 78.8959)
contains.

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Color

**XYZ(43.5136, 48.5034,
79.0202)**

Conversions

Conversions Part 1

Format	Color
Hex	8EBFE2
RGB	142, 191, 226
RGB Percent	56%, 75%, 89%
CMY	0.4431, 0.2510, 0.1137
CMYK	0.37, 0.15, 0.00, 0.11
HSL	205°, 59%, 72%
HSV	205°, 37%, 89%
XYZ	43.5136, 48.5034, 79.0202
YIQ	180.3390, -40.4390, 0.4970

Conversions

Conversions Part 2

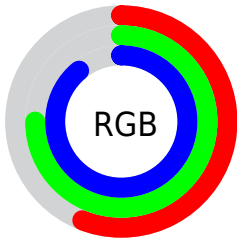
Format	Color
R_{YB}	142, 173, 226
Decimal	9355234
CIE Lab	75.14, -7.49, -22.59
CIE LCh	75, 23.800, 251.653
Yxy	48.5034, 0.2544, 0.2836
Android (android.graphics.Color)	4287545314 (0xFF8EBFE2)
YUV	180.3390, 22.5109, -33.6233
Hunter-Lab	69.6444, -10.3514, -18.5208

Details

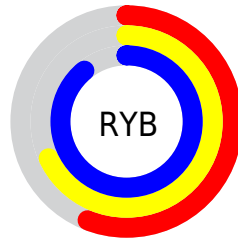
The XYZ color **43.5136, 48.5034, 79.0202** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.9696, 49.5668, 32.4209**, and the grayscale version is **43.4642, 45.7277, 49.7974**.

A 20% lighter version of the original color is **74.5995, 85.7473, 107.2268**, and **20.4637, 23.1919, 41.9260** is the 20% darker color. If you saturate the color by 10%, you get **38.0344, 42.7286, 78.1952**, and if you desaturate by 10%, it is **49.9140, 54.9513, 79.9283**.

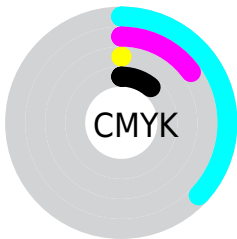
Distribution



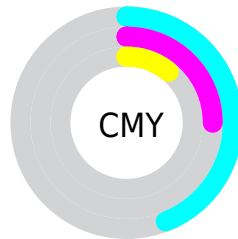
- Red (56%)
- Green (75%)
- Blue (89%)



- Red (56%)
- Yellow (68%)
- Blue (89%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5136, 48.5034, 79.0202 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 43.5136, 48.5034, 79.0202 by changing the saturation by 10% instead.

■ 43.5136, 48.5034,
79.0202

■ 43.5136, 48.5034,
79.0202

351.6055,
380.7840, 511.2441

■ 30.4846, 34.2257,
58.3910

■ 79.7362, 87.9534,
133.7862

■ 20.3566, 23.0670,
41.7063

■ 103.6605,
113.8946, 168.7601

■ 12.7643, 14.6430,
28.5475

131.9473,
144.4923, 209.3527

■ 7.3423, 8.5692,
18.4962

164.9619,
180.1311, 255.9824

■ 3.7253, 4.4613,
11.1337

203.0696,
221.1952, 309.0679

■ 1.5479, 1.9348,
6.0415

246.6359,

■ 0.3581, 0.5692,

268.0692, 369.0276

2.8011

296.0261,
321.1373, 436.2802

■ 0.0000, 0.0000,
0.9940

■ 0.0000, 0.0000,
0.0000

■ 43.5136, 48.5034,
79.0202

■ 43.5136, 48.5034,
79.0202

■ 38.0344, 42.7286,
78.1952

■ 49.9140, 54.9513,
79.9283

■ 33.4215, 37.5917,
77.4468

■ 57.2772, 62.0939,
80.9189

■ 29.6210, 33.0622,
76.7728

■ 65.6477, 69.9589,
81.9958

■ 26.5701, 29.1039,
76.1696

■ 75.0655, 78.5702,
83.1616

■ 24.1958, 25.6751,
75.6329

■ 85.5670, 87.9498,
84.4185

■ 22.4029, 22.7226,
75.1575

■ 88.3820, 93.5799,
85.3569

■ 21.9569, 21.9495,
75.0318

■ 90.7276, 98.2711,
86.1387

Harmonies

Analogous

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



40.1196, 48.5034, 70.4200



43.5136, 48.5034, 79.0202



47.8143, 48.5034, 79.9726

Triad

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



43.5136, 48.5034, 79.0202



54.8038, 48.5034, 48.1117



40.7534, 48.5034, 36.8347

Complementary

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



43.5136, 48.5034, 79.0202



51.9696, 49.5668, 32.4209

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.



44.4292, 48.5034, 32.6238



43.5136, 48.5034, 79.0202



52.6493, 48.5034, 38.4148

Square

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



43.5136, 48.5034, 79.0202



54.5202, 48.5034, 60.7311



48.7890, 48.5034, 33.1526



38.5966, 48.5034, 45.6130

Rectangle

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



43.5136, 48.5034, 79.0202



50.6394, 48.5034, 75.9856



48.7890, 48.5034, 33.1526



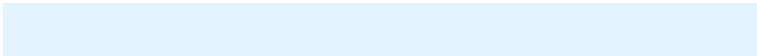
41.8423, 48.5034, 34.9055

Sweetspot

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



43.5151, 48.5053, 79.0213



81.8571, 87.8314, 107.2466



46.1498, 63.2633, 50.6472



17.1977, 18.4963, 22.9137



0.0000, 0.0000, 0.0000



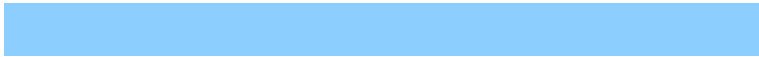
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5151, 48.5053, 79.0213



51.2661, 57.5346, 103.0110



35.8544, 33.1838, 76.4678



13.6130, 14.5651, 17.4815



12.6461, 12.7617, 42.8451



0.9644, 1.0602, 2.9991

Inverse Universe

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



50.4423, 39.2778, 54.2150



61.9403, 44.6036, 64.4976



61.2153, 68.0584, 35.5028



14.0409, 13.8340, 15.9854



20.3233, 10.1963, 13.6344



1.4530, 0.7245, 1.1785

Previews

White Background



This preview shows how the XYZ color 43.5136, 48.5034, 79.0202 looks on a white background.

Color Contrast Check

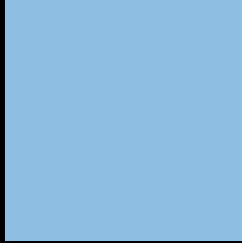
Large Text (above 18pt) WCAG AA × Fail

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 43.5136, 48.5034, 79.0202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

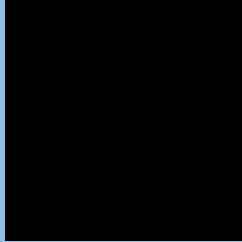
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5136, 48.5034, 79.0202

Background



This preview shows how black text looks on a background with the XYZ color 43.5136, 48.5034, 79.0202.



This preview shows how white text looks on a background with the XYZ color 43.5136, 48.5034,

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

43.5136, 48.5034, 79.0202

Protanopia

47.9832, 48.3814, 74.5197

Deuteranopia

49.3499, 48.3525, 80.1307



Tritanopia

41.2816, 48.5903, 67.5247

Trichromacy



Original Color

43.5136, 48.5034, 79.0202

Protanomaly

46.0536, 48.2843, 75.9998

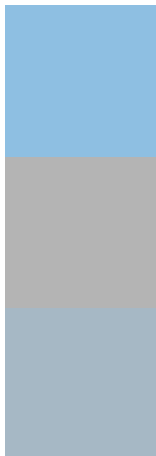
Deuteranomaly

46.9400, 48.3510, 79.5317

Tritanomaly

41.9832, 48.5352, 71.4455

Monochromacy



Original Color

43.5136, 48.5034, 79.0202

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9444, 46.4192, 59.5197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5136, 48.5034, 79.0202 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(142, 191, 226)` looks like.

```
.text, #text, p{  
    color:rgb(142, 191, 226)  
}
```

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(142, 191, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 191, 226) }
```

Border

The CSS property to change the border of an element to XYZ 43.5136, 48.5034, 79.0202 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(142, 191, 226) }
```


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

```
.border{ border-color:rgb(142, 191, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 191, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 191, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 191, 226);  
box-shadow:4px 4px 4px 4px rgb(142, 191,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5136, 48.5034, 79.0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 191, 226) }
```

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

```
.background{ background-color: rgb(142,  
191, 226) }
```

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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