

Converting Colors

XYZ(43.5444, 46.1826, 88.8237)

Have a look what the booklet for
XYZ(43.5444, 46.1826, 88.8237)
contains.

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Color

**XYZ(43.5161, 46.0612,
89.0352)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB8F0
RGB	139, 184, 240
RGB Percent	55%, 72%, 94%
CMY	0.4549, 0.2784, 0.0588
CMYK	0.42, 0.23, 0.00, 0.06
HSL	213°, 77%, 74%
HSV	213°, 42%, 94%
XYZ	43.5161, 46.0612, 89.0352
YIQ	176.9290, -44.7960, 7.8760

Conversions

Conversions Part 2

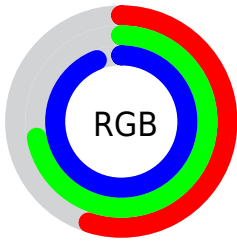
Format	Color
R _Y B	139, 170, 240
Decimal	9156848
CIE Lab	73.59, -0.78, -32.57
CIE LCh	74, 32.576, 268.634
Yxy	46.0612, 0.2436, 0.2579
Android (android.graphics.Color)	4287346928 (0xFF8BB8F0)
YUV	176.9290, 31.0940, -33.2637
Hunter-Lab	67.8684, -4.3184, -30.2735

Details

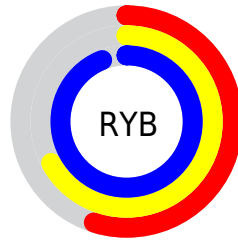
The XYZ color **43.5161, 46.0612, 89.0352** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1117, 59.4209, 32.7289**, and the grayscale version is **41.6128, 43.7799, 47.6763**.

A 20% lighter version of the original color is **71.9750, 81.2759, 106.5021**, and **20.3353, 21.5323, 48.4318** is the 20% darker color. If you saturate the color by 10%, you get **37.3047, 38.9476, 87.9904**, and if you desaturate by 10%, it is **50.8702, 54.1518, 90.2101**.

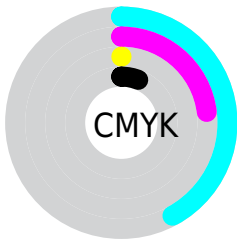
Distribution



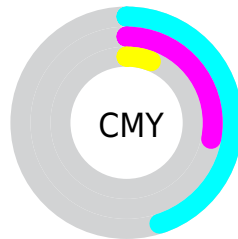
- Red (55%)
- Green (72%)
- Blue (94%)



- Red (55%)
- Yellow (67%)
- Blue (94%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (28%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5161, 46.0612, 89.0352 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 43.5161, 46.0612, 89.0352 by changing the saturation by 10% instead.

■ 43.5161, 46.0612,
89.0352

■ 43.5161, 46.0612,
89.0352

351.6156,
371.0546, 545.3763

■ 30.4865, 32.2941,
66.6115

■ 79.7400, 84.3106,
147.9213

■ 20.3581, 21.5863,
48.3094

■ 103.6650,
109.5617, 185.2208

■ 12.7654, 13.5532,
33.7102

131.9525,
139.4096, 228.3160

■ 7.3431, 7.8106,
22.3955

164.9679,
174.2386, 277.6254

■ 3.7258, 3.9740,
13.9467

203.0766,
214.4333, 333.5676

■ 1.5482, 1.6590,
7.9453

246.6439,

■ 0.3583, 0.3969,

260.3779, 396.5612

3.9727

296.0351,
312.4569, 467.0245

■ 0.0000, 0.0000,
1.6104

■ 0.0000, 0.0000,
0.2982

■ 43.5161, 46.0612,
89.0352

■ 43.5161, 46.0612,
89.0352

■ 37.3047, 38.9476,
87.9904

■ 50.8702, 54.1518,
90.2101

■ 32.1661, 32.7615,
87.0672

■ 59.4222, 63.2551,
91.5165

■ 28.0291, 27.4562,
86.2612

■ 69.2288, 73.4113,
92.9599

■ 24.8109, 22.9773,
85.5663

■ 80.3419, 84.6564,
94.5447

■ 22.4130, 19.2618,
84.9755

■ 91.3213, 96.2573,
96.2052

■ 20.9789, 16.7925,
84.5744

■ 92.7283, 99.0713,
96.6743

Harmonies

Analogous

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



38.2620, 46.0612, 82.4201



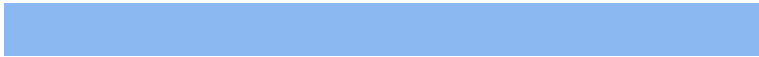
43.5161, 46.0612, 89.0352



49.3070, 46.0612, 83.4784

Triad

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



43.5161, 46.0612, 89.0352



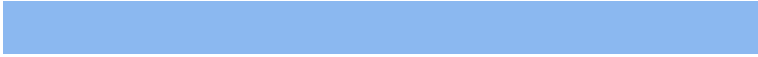
54.2427, 46.0612, 36.4315



34.9841, 46.0612, 35.3826

Complementary

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



43.5161, 46.0612, 89.0352



60.1117, 59.4209, 32.7289

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.



38.6819, 46.0612, 27.1387



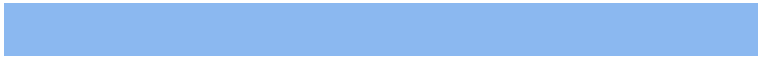
43.5161, 46.0612, 89.0352



49.8040, 46.0612, 27.6443

Square

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



43.5161, 46.0612, 89.0352



55.8172, 46.0612, 50.9133



44.0445, 46.0612, 24.6480



33.6108, 46.0612, 49.3999

Rectangle

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



43.5161, 46.0612, 89.0352



52.6330, 46.0612, 74.1828



44.0445, 46.0612, 24.6480



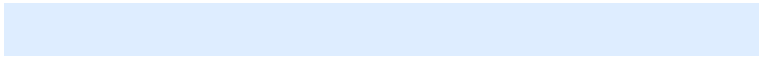
35.9796, 46.0612, 31.9689

Sweetspot

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



43.5176, 46.0629, 89.0363



78.3025, 83.0744, 106.5157



51.6084, 71.7300, 62.4901



16.2061, 17.2118, 22.7180



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.



43.5176, 46.0629, 89.0363



44.0814, 46.1793, 101.1979



36.4726, 30.6920, 86.4407



15.4770, 16.3881, 20.0691



11.6123, 9.4488, 46.3396



1.0638, 0.9816, 3.8876

Inverse Universe

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



53.8208, 40.4528, 50.3206



57.5781, 40.0418, 50.2106



70.0658, 81.8389, 36.5314



16.0655, 15.8759, 17.9009



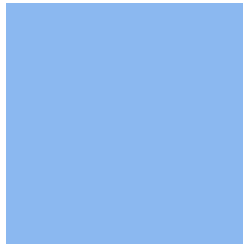
21.1869, 10.7472, 8.9010



1.8119, 0.9138, 1.0003

Previews

White Background



This preview shows how the XYZ color 43.5161, 46.0612, 89.0352 looks on a white background.

Color Contrast Check

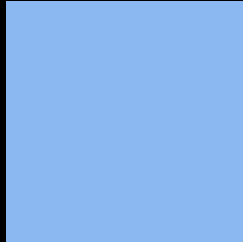
Large Text (above 18pt) WCAG AA × Fail

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 43.5161, 46.0612, 89.0352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

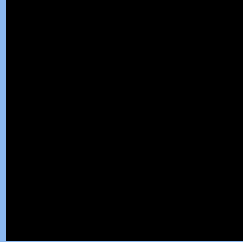
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

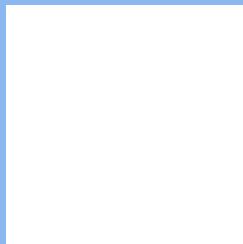
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5161, 46.0612, 89.0352

Background



This preview shows how black text looks on a background with the XYZ color 43.5161, 46.0612, 89.0352.



This preview shows how white text looks on a background with the XYZ color 43.5161, 46.0612,

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

43.5161, 46.0612, 89.0352

Protanopia

46.5778, 45.8963, 85.7608

Deuteranopia

47.1074, 46.0842, 89.6314



Tritanopia

38.7600, 46.0290, 65.2341

Trichromacy



Original Color

43.5161, 46.0612, 89.0352

Protanomaly

45.3176, 45.8249, 86.5774

Deuteranomaly

45.7160, 45.9620, 89.6811

Tritanomaly

40.3110, 46.0149, 73.0868

Monochromacy



Original Color

43.5161, 46.0612, 89.0352

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8508, 44.5992, 61.0463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5161, 46.0612, 89.0352 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, 184, 240)` looks like.

```
.text, #text, p{  
    color:rgb(139, 184, 240)  
}
```

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, 184, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 184, 240) }
```

Border

The CSS property to change the border of an element to XYZ 43.5161, 46.0612, 89.0352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

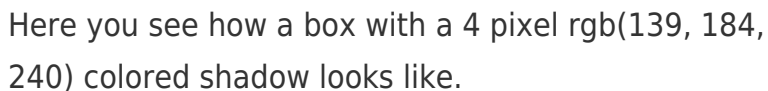
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 184, 240) }
```


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

```
.border{ border-color:rgb(139, 184, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 184, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 184, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 184, 240); box-shadow:4px 4px 4px 4px rgb(139, 184, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5161, 46.0612, 89.0352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 184, 240) }
```

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

```
.background{ background-color: rgb(139,  
184, 240) }
```

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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