

Converting Colors

XYZ(44.8154, 49.4817, 85.4924)

Have a look what the booklet for
XYZ(44.8154, 49.4817, 85.4924)
contains.

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Color

**XYZ(44.8295, 49.3602,
85.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC0EB
RGB	141, 192, 235
RGB Percent	55%, 75%, 92%
CMY	0.4470, 0.2470, 0.0784
CMYK	0.40, 0.18, 0.00, 0.08
HSL	207°, 70%, 74%
HSV	207°, 40%, 92%
XYZ	44.8295, 49.3602, 85.7620
YIQ	181.6530, -44.1990, 2.5610

Conversions

Conversions Part 2

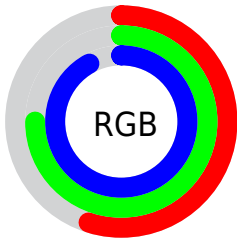
Format	Color
RYB	141, 174, 235
Decimal	9289963
CIELab	75.67, -5.95, -26.64
CIELCh	76, 27.299, 257.421
Yxy	49.3602, 0.2491, 0.2743
Android (android.graphics.Color)	4287480043 (0xFF8DC0EB)
YUV	181.6530, 26.3001, -35.6527
Hunter-Lab	70.2568, -9.0521, -23.1951

Details

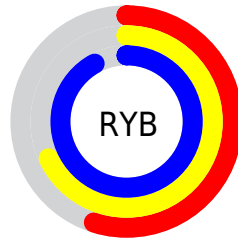
The XYZ color **44.8295, 49.3602, 85.7620** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.2101, 53.8671, 32.6355**, and the grayscale version is **44.1550, 46.4545, 50.5889**.

A 20% lighter version of the original color is **74.6434, 86.2251, 107.3167**, and **21.2071, 23.6983, 46.1043** is the 20% darker color. If you saturate the color by 10%, you get **38.9751, 42.9662, 84.8373**, and if you desaturate by 10%, it is **51.7073, 56.5399, 86.7862**.

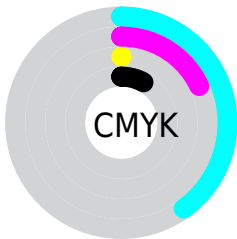
Distribution



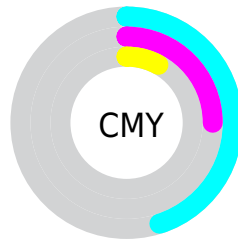
- Red (55%)
- Green (75%)
- Blue (92%)



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



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8295, 49.3602, 85.7620 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 44.8295, 49.3602, 85.7620 by changing the saturation by 10% instead.

■ 44.8295, 49.3602,
85.7620

■ 44.8295, 49.3602,
85.7620

356.8779,
384.1586, 534.3563

■ 31.5239, 34.9053,
63.9174

■ 81.7031, 89.2262,
143.3209

■ 21.1519, 23.5899,
46.1380

■ 106.0018,
115.4061, 179.8723

■ 13.3481, 15.0297,
32.0053

134.6956,
146.2631, 222.1631

■ 7.7474, 8.8402,
21.1007

168.1498,
182.1816, 270.6118

■ 3.9842, 4.6371,
13.0057

206.7298,
223.5460, 325.6369

■ 1.6932, 2.0360,
7.3017

250.8009,

■ 0.4520, 0.6282,

270.7407, 387.6570

3.5702

300.7285,
324.1501, 457.0906

■ 0.0000, 0.0000,
1.3926

■ 0.0000, 0.0000,
0.1360

■ 44.8295, 49.3602,
85.7620

■ 44.8295, 49.3602,
85.7620

■ 38.9751, 42.9662,
84.8373

■ 51.7073, 56.5399,
86.7862

■ 34.0814, 37.3169,
84.0048

■ 59.6565, 64.5320,
87.9099

■ 30.0861, 32.3756,
83.2616

■ 68.7278, 73.3690,
89.1375

■ 26.9162, 28.0990,
82.6032

■ 78.9669, 83.0792,
90.4721

■ 24.4856, 24.4365,
82.0244

■ 89.1160, 93.0192,
91.8558

■ 22.6504, 21.3078,
81.5172

■ 91.9956, 98.7782,
92.8156

■ 22.6502, 21.3074,
81.5171

Harmonies

Analogous

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



40.6393, 49.3602, 76.9680



44.8295, 49.3602, 85.7620



49.8871, 49.3602, 84.9332

Triad

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



44.8295, 49.3602, 85.7620



56.8176, 49.3602, 45.8314



40.1137, 49.3602, 37.0195

Complementary

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



44.8295, 49.3602, 85.7620



56.2101, 53.8671, 32.6355

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.



44.0641, 49.3602, 31.3132



44.8295, 49.3602, 85.7620



53.8065, 49.3602, 35.7371

Square

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



44.8295, 49.3602, 85.7620



57.0596, 49.3602, 60.0405



49.0650, 49.3602, 30.8904



38.0510, 49.3602, 47.9055

Rectangle

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



44.8295, 49.3602, 85.7620



53.0754, 49.3602, 79.0328



49.0650, 49.3602, 30.8904



41.2514, 49.3602, 34.5240

Sweetspot

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



44.8311, 49.3621, 85.7632



80.3706, 86.0434, 106.9798



49.2726, 68.5119, 55.5922



16.8871, 18.1115, 22.8558



0.0000, 0.0000, 0.0000



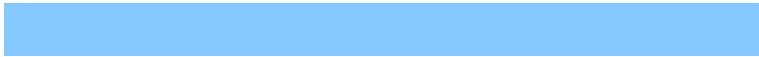
20.3446, 21.4041, 23.3091

Same Dimension

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



44.8311, 49.3621, 85.7632



48.0856, 53.0256, 102.3083



36.2139, 32.1277, 82.8908



14.9084, 15.9032, 19.2061



12.7350, 12.1170, 45.4106



1.0960, 1.1435, 3.5978

Inverse Universe

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



53.3016, 40.5191, 54.8829



59.8828, 42.0497, 58.9992



67.4501, 76.3471, 36.3822



15.4073, 15.1908, 17.4301



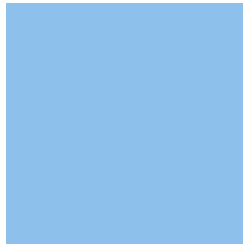
21.2833, 10.7160, 12.5593



1.7197, 0.8609, 1.2415

Previews

White Background



This preview shows how the XYZ color 44.8295, 49.3602, 85.7620 looks on a white background.

Color Contrast Check

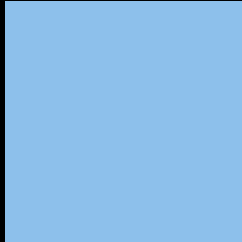
Large Text (above 18pt) WCAG AA × Fail

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 44.8295, 49.3602, 85.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

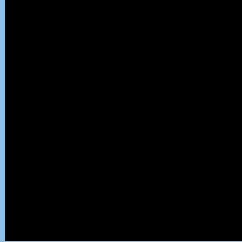
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

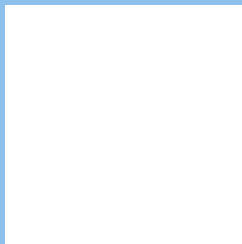
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.8295, 49.3602, 85.7620

Background



This preview shows how black text looks on a background with the XYZ color 44.8295, 49.3602, 85.7620.



This preview shows how white text looks on a background with the XYZ color 44.8295, 49.3602,

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

44.8295, 49.3602, 85.7620

Protanopia

48.9625, 49.0521, 81.0161

Deuteranopia

50.1455, 48.9174, 86.9198



Tritanopia

41.6153, 49.3842, 69.6261

Trichromacy



Original Color

44.8295, 49.3602, 85.7620

Protanomaly

47.2984, 49.0967, 82.5850

Deuteranomaly

48.0091, 49.0665, 86.2973

Tritanomaly

42.7499, 49.5159, 75.0145

Monochromacy



Original Color

44.8295, 49.3602, 85.7620

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.0379, 47.5503, 62.1154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8295, 49.3602, 85.7620 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, 192, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 192, 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, 192, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 192, 235) }
```

Border

The CSS property to change the border of an element to XYZ 44.8295, 49.3602, 85.7620 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, 192, 235) }
```


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

```
.border{ border-color:rgb(141, 192, 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, 192, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 192, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 192, 235); box-shadow:4px 4px 4px 4px rgb(141, 192, 235) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8295, 49.3602, 85.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 192, 235) }
```

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

```
.background{ background-color: rgb(141,  
192, 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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