

Converting Colors

XYZ(39.2401, 43.9410, 81.2084)

Have a look what the booklet for
XYZ(39.2401, 43.9410, 81.2084)
contains.

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Color

**XYZ(39.3086, 44.0591,
81.2954)**

Conversions

Conversions Part 1

Format	Color
Hex	79B8E6
RGB	121, 184, 230
RGB Percent	47%, 72%, 90%
CMY	0.5255, 0.2784, 0.0980
CMYK	0.47, 0.20, 0.00, 0.10
HSL	205°, 69%, 69%
HSV	205°, 47%, 90%
XYZ	39.3086, 44.0591, 81.2954
YIQ	170.4070, -52.3140, 0.9500

Conversions

Conversions Part 2

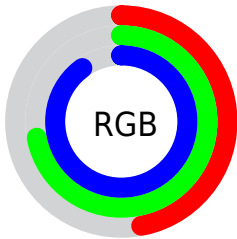
Format	Color
RYB	121, 161, 230
Decimal	7977190
CIELab	72.27, -7.94, -29.25
CIElCh	72, 30.312, 254.810
Yxy	44.0591, 0.2387, 0.2676
Android (android.graphics.Color)	4286167270 (0xFF79B8E6)
YUV	170.4070, 29.3793, -43.3299
Hunter-Lab	66.3770, -10.4518, -26.1516

Details

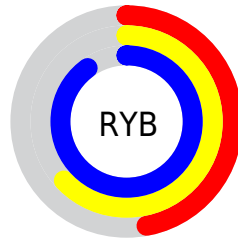
The XYZ color **39.3086, 44.0591, 81.2954** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.9043, 45.8424, 24.3090**, and the grayscale version is **38.2895, 40.2835, 43.8687**.

A 20% lighter version of the original color is **67.5702, 79.0052, 106.2959**, and **17.8062, 20.3454, 43.0330** is the 20% darker color. If you saturate the color by 10%, you get **34.5140, 38.6970, 80.5139**, and if you desaturate by 10%, it is **45.0128, 50.0973, 82.1611**.

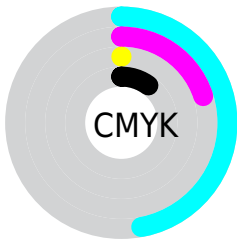
Distribution



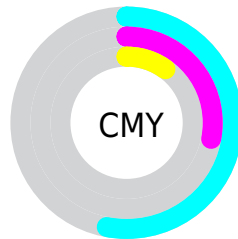
- Red (47%)
- Green (72%)
- Blue (90%)



- Red (47%)
- Yellow (63%)
- Blue (90%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (53%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3086, 44.0591, 81.2954 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 39.3086, 44.0591, 81.2954 by changing the saturation by 10% instead.

■ 39.3086, 44.0591,
81.2954

■ 39.3086, 44.0591,
81.2954

334.3854,
362.9494, 519.1092

■ 27.1817, 30.7170,
60.2525

■ 73.4006, 81.3067,
137.0133

■ 17.8470, 20.3834,
43.1956

■ 96.0963, 105.9809,
172.5253

■ 10.9392, 12.6741,
29.7060

■ 123.0458,
135.2013, 213.6975

■ 6.0930, 7.2045,
19.3654

154.6142,
169.3522, 260.9483

■ 2.9429, 3.5903,
11.7551

191.1671,
208.8181, 314.6964

■ 1.1236, 1.4471,
6.4567

233.0696,

■ 0.0448, 0.2511,

253.9833, 375.3602

3.0515

280.6873,
305.2323, 443.3583

■ 0.0000, 0.0000,
1.1210

■ 0.0000, 0.0000,
0.0000

■ 39.3086, 44.0591,
81.2954

■ 39.3086, 44.0591,
81.2954

■ 34.5140, 38.6970,
80.5139

■ 45.0128, 50.0973,
82.1611

■ 30.5664, 33.9719,
79.8099

■ 51.6748, 56.8378,
83.1110

■ 27.4015, 29.8474,
79.1806

■ 59.3447, 64.3111,
84.1492

■ 24.9424, 26.2795,
78.6216

■ 68.0672, 72.5441,
85.2786

■ 23.0880, 23.2116,
78.1272

■ 77.8845, 81.5621,
86.5018

■ 22.6619, 22.4710,
78.0067

■ 87.3472, 90.6214,
87.7517

■ 90.3172, 96.5614,
88.7417

■ 91.2831, 98.4932,
89.0637

Harmonies

Analogous

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



35.1696, 44.0591, 71.1438



39.3086, 44.0591, 81.2954



44.4878, 44.0591, 81.3653

Triad

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



39.3086, 44.0591, 81.2954



52.3180, 44.0591, 41.0122



35.2114, 44.0591, 30.3745

Complementary

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



39.3086, 44.0591, 81.2954



49.9043, 45.8424, 24.3090

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.



39.3701, 44.0591, 25.2535



39.3086, 44.0591, 81.2954



49.3868, 44.0591, 30.4737

Square

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



39.3086, 44.0591, 81.2954



52.2981, 44.0591, 55.8827



44.5546, 44.0591, 25.2856



32.9410, 44.0591, 40.8471

Rectangle

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



39.3086, 44.0591, 81.2954



47.8545, 44.0591, 75.5676



44.5546, 44.0591, 25.2856



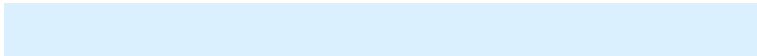
36.4189, 44.0591, 28.0761

Sweetspot

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



39.3101, 44.0607, 81.2965



78.4944, 84.6080, 106.8016



43.1046, 63.4282, 46.2498



16.3066, 17.6389, 22.7952



0.0000, 0.0000, 0.0000



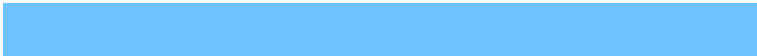
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3101, 44.0607, 81.2965



43.6531, 48.9449, 101.7543



30.1633, 25.7673, 78.2475



14.2712, 15.2638, 18.3384



12.9534, 12.9688, 44.2037



1.0487, 1.1413, 3.2970

Inverse Universe

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



48.1235, 33.9600, 49.3676



56.4777, 36.2163, 54.8526



61.9198, 69.8735, 28.3142



14.7245, 14.5070, 16.7495



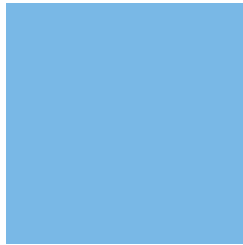
20.9318, 10.5069, 13.8015



1.5930, 0.7949, 1.2630

Previews

White Background



This preview shows how the XYZ color 39.3086, 44.0591, 81.2954 looks on a white background.

Color Contrast Check

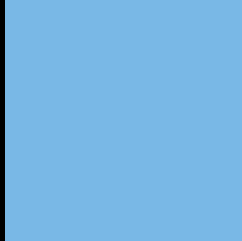
Large Text (above 18pt) WCAG AA × Fail

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 39.3086, 44.0591, 81.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

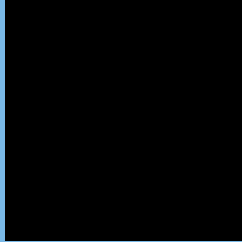
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3086, 44.0591, 81.2954

Background



This preview shows how black text looks on a background with the XYZ color 39.3086, 44.0591, 81.2954.

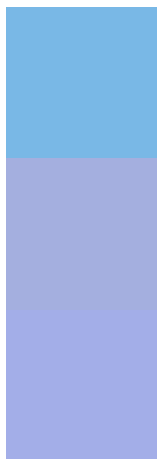


This preview shows how white text looks on a background with the XYZ color 39.3086, 44.0591,

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

39.3086, 44.0591, 81.2954

Protanopia

43.9591, 43.8802, 75.9649

Deuteranopia

44.8058, 43.8848, 82.4530



Tritanopia

35.9067, 44.2655, 63.7784

Trichromacy



Original Color

39.3086, 44.0591, 81.2954

Protanomaly

41.8606, 43.6277, 78.1662

Deuteranomaly

42.5569, 43.9062, 81.8331

Tritanomaly

36.9830, 44.0577, 69.5056

Monochromacy



Original Color

39.3086, 44.0591, 81.2954

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7933, 41.1411, 55.8183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3086, 44.0591, 81.2954 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(121, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(121, 184, 230)  
}
```

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(121, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 184, 230) }
```

Border

The CSS property to change the border of an element to XYZ 39.3086, 44.0591, 81.2954 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(121, 184, 230) }
```


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

```
.border{ border-color:rgb(121, 184, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 184, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(121, 184,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3086, 44.0591, 81.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 184, 230) }
```

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

```
.background{ background-color: rgb(121,  
184, 230) }
```

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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