

Converting Colors

XYZ(51.0410, 60.6871, 86.1144)

Have a look what the booklet for
XYZ(51.0410, 60.6871, 86.1144)
contains.

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Color

**XYZ(51.0410, 60.6871,
86.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	93D7E9
RGB	147, 215, 233
RGB Percent	58%, 84%, 91%
CMY	0.4235, 0.1568, 0.0863
CMYK	0.37, 0.08, 0.00, 0.09
HSL	193°, 66%, 75%
HSV	193°, 37%, 91%
XYZ	51.0410, 60.6871, 86.1144
YIQ	196.7200, -46.3060, -8.8180

Conversions

Conversions Part 2

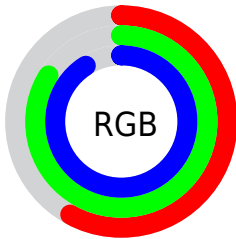
Format	Color
RYB	147, 185, 233
Decimal	9689065
CIELab	82.21, -16.91, -15.63
CIELCh	82, 23.026, 222.743
Yxy	60.6871, 0.2580, 0.3067
Android (android.graphics.Color)	4287879145 (0xFF93D7E9)
YUV	196.7200, 17.8860, -43.6044
Hunter-Lab	77.9019, -19.3760, -11.0090

Details

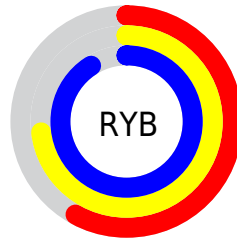
The XYZ color **51.0410, 60.6871, 86.1144** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.3268, 46.3412, 33.7921**, and the grayscale version is **52.8192, 55.5699, 60.5156**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **24.9203, 30.5912, 46.1862** is the 20% darker color. If you saturate the color by 10%, you get **46.0557, 56.3025, 85.5319**, and if you desaturate by 10%, it is **56.9132, 65.5867, 86.7517**.

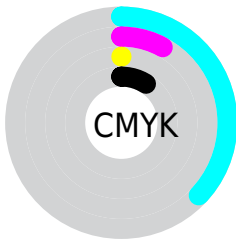
Distribution



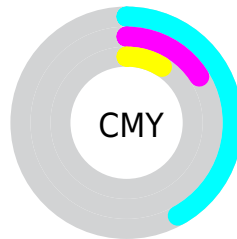
- Red (58%)
- Green (84%)
- Blue (91%)



- Red (58%)
- Yellow (73%)
- Blue (91%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0410, 60.6871, 86.1144 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 51.0410, 60.6871, 86.1144 by changing the saturation by 10% instead.

■ 51.0410, 60.6871,
86.1144

■ 51.0410, 60.6871,
86.1144

381.1081,
427.1258, 535.5488

■ 36.4624, 43.9727,
64.2071

■ 90.8980, 105.8258,
143.8171

■ 24.9633, 30.6490,
46.3712

■ 116.9071,
135.0188, 180.4496

■ 16.1783, 20.3318,
32.1881

147.4572,
169.1402, 222.8276

■ 9.7421, 12.6364,
21.2392

182.9134,
208.5742, 271.3696

■ 5.2892, 7.1787,
13.1060

223.6413,
253.7055, 326.4942

■ 2.4544, 3.5741,
7.3700

270.0061,

■ 0.8723, 1.4383,

304.9182, 388.6199

3.6126

322.3733,
362.5968, 458.1653

■ 0.0000, 0.2447,
1.4153

■ 0.0000, 0.0000,
0.1536

■ 51.0410, 60.6871,
86.1144

■ 51.0410, 60.6871,
86.1144

■ 46.0557, 56.3025,
85.5319

■ 56.9132, 65.5867,
86.7517

■ 41.8999, 52.3987,
84.9974

■ 63.7141, 71.0190,
87.4418

■ 38.5183, 48.9479,
84.5096

■ 71.4896, 77.0096,
88.1882

■ 35.8460, 45.9163,
84.0653

■ 80.2806, 83.5800,
88.9931

■ 33.8070, 43.2642,
83.6608

■ 86.9275, 89.1019,
89.7086

■ 32.3039, 40.9408,
83.2916

■ 88.3775, 92.0019,
90.1920

■ 31.8984, 40.2637,
83.1823

■ 89.8663, 94.9796,
90.6883

■ 91.3943, 98.0356,
91.1976

■ 91.7082, 98.6633,
91.3022

Harmonies

Analogous

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



48.9789, 60.6871, 72.2040



51.0410, 60.6871, 86.1144



54.9337, 60.6871, 95.3093

Triad

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



51.0410, 60.6871, 86.1144



67.1452, 60.6871, 74.4022



55.6299, 60.6871, 43.1180

Complementary

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



51.0410, 60.6871, 86.1144



52.3268, 46.3412, 33.7921

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.



60.5190, 60.6871, 43.5329



51.0410, 60.6871, 86.1144



67.3578, 60.6871, 60.3086

Square

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



51.0410, 60.6871, 86.1144



64.3084, 60.6871, 87.9185



64.8738, 60.6871, 49.4187



51.5258, 60.6871, 48.1917

Rectangle

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



51.0410, 60.6871, 86.1144



58.1328, 60.6871, 96.8271



64.8738, 60.6871, 49.4187



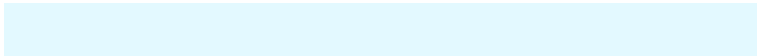
57.2321, 60.6871, 42.6435

Sweetspot

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



51.0429, 60.6895, 86.1158



83.6286, 91.3744, 107.8371



47.8918, 67.1697, 45.6591



17.6211, 19.3431, 23.0548



0.0000, 0.0000, 0.0000



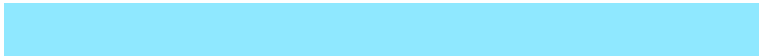
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0429, 60.6895, 86.1158



58.0645, 70.4846, 105.1523



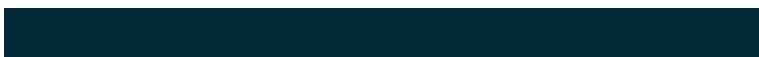
41.6472, 41.8982, 82.9839



15.2345, 16.5555, 19.3148



18.1921, 23.0313, 47.2296



1.4955, 1.9425, 3.7310

Inverse Universe

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



56.3052, 43.0989, 69.6439



65.5297, 46.6438, 81.5355



61.2333, 64.1542, 36.7609



15.5719, 15.2566, 18.2971



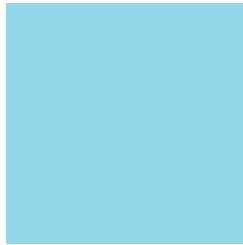
24.0378, 11.8178, 27.0644



1.9214, 0.9415, 2.3033

Previews

White Background



This preview shows how the XYZ color 51.0410, 60.6871, 86.1144 looks on a white background.

Color Contrast Check

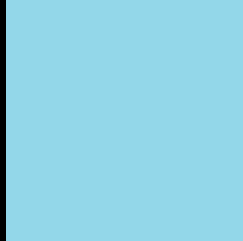
Large Text (above 18pt) WCAG AA × Fail

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 51.0410, 60.6871, 86.1144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

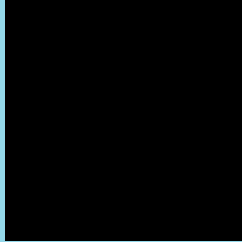
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0410, 60.6871, 86.1144

Background



This preview shows how black text looks on a background with the XYZ color 51.0410, 60.6871, 86.1144.



This preview shows how white text looks on a background with the XYZ color 51.0410, 60.6871,

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

51.0410, 60.6871, 86.1144

Protanopia

58.7985, 60.0948, 79.7346

Deuteranopia

61.5762, 60.3129, 87.7530



Tritanopia

50.8985, 60.6301, 85.3641

Trichromacy



Original Color

51.0410, 60.6871, 86.1144

Protanomaly

55.3725, 60.0508, 82.0713

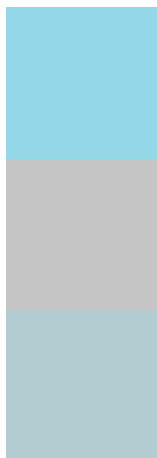
Deuteranomaly

57.0764, 60.0999, 87.1895

Tritanomaly

50.8985, 60.6301, 85.3641

Monochromacy



Original Color

51.0410, 60.6871, 86.1144

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.8161, 57.4226, 69.3254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0410, 60.6871, 86.1144 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(147, 215, 233)` looks like.

```
.text, #text, p{  
    color:rgb(147, 215, 233)  
}
```

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(147, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 215, 233) }
```

Border

The CSS property to change the border of an element to XYZ 51.0410, 60.6871, 86.1144 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(147, 215, 233) }
```


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

```
.border{ border-color:rgb(147, 215, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(147, 215,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0410, 60.6871, 86.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 215, 233) }
```

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

```
.background{ background-color: rgb(147,  
215, 233) }
```

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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