

Converting Colors

XYZ(58.2436, 66.7101, 86.8974)

Have a look what the booklet for
XYZ(58.2436, 66.7101, 86.8974)
contains.

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Color

**XYZ(58.2436, 66.7101,
86.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	AFDDE9
RGB	175, 221, 233
RGB Percent	69%, 87%, 91%
CMY	0.3137, 0.1333, 0.0863
CMYK	0.25, 0.05, 0.00, 0.09
HSL	192°, 57%, 80%
HSV	192°, 25%, 91%
XYZ	58.2436, 66.7101, 86.8974
YIQ	208.6140, -31.2680, -6.0200

Conversions

Conversions Part 2

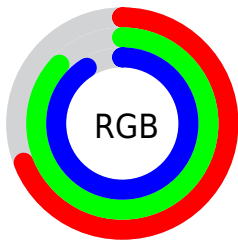
Format	Color
RYB	175, 201, 233
Decimal	11525609
CIELab	85.36, -12.19, -10.76
CIELCh	85, 16.263, 221.428
Yxy	66.7101, 0.2749, 0.3149
Android (android.graphics.Color)	4289715689 (0xFFAFDDE9)
YUV	208.6140, 12.0223, -29.4795
Hunter-Lab	81.6763, -15.6445, -5.9067

Details

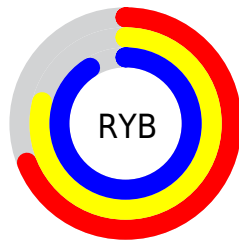
The XYZ color **58.2436, 66.7101, 86.8974** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.1131, 55.9596, 48.2444**, and the grayscale version is **60.2933, 63.4333, 69.0788**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **29.4572, 34.5117, 46.7038** is the 20% darker color. If you saturate the color by 10%, you get **52.2047, 61.7365, 86.2568**, and if you desaturate by 10%, it is **65.2253, 72.2273, 87.5955**.

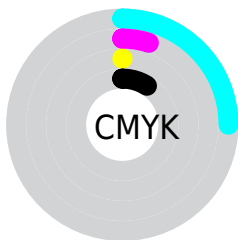
Distribution



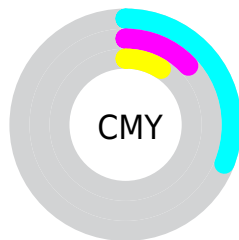
- Red (69%)
- Green (87%)
- Blue (91%)



- Red (69%)
- Yellow (79%)
- Blue (91%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2436, 66.7101, 86.8974 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 58.2436, 66.7101, 86.8974 by changing the saturation by 10% instead.

■ 58.2436, 66.7101,
86.8974

■ 58.2436, 66.7101,
86.8974

408.0323,
448.9122, 538.1931

■ 42.2485, 48.8491,
64.8512

■ 101.3984,
114.5049, 144.9187

■ 29.4879, 34.4998,
46.8898

129.2889,
145.2075, 181.7309

■ 19.5964, 23.2778,
32.5948

161.8753,
180.9594, 224.3021

■ 12.2085, 14.7988,
21.5477

199.5228,
222.1450, 273.0510

■ 6.9591, 8.6783,
13.3298

242.5970,
269.1486, 328.3959

■ 3.4826, 4.5319,
7.5226

291.4630,

■ 1.4138, 1.9753,

322.3548, 390.7556

3.7077

346.4863,
382.1478, 460.5485

■ 0.2660, 0.5931,
1.4664

■ 0.0000, 0.0000,
0.1927

■ 58.2436, 66.7101,
86.8974

■ 58.2436, 66.7101,
86.8974

■ 52.2047, 61.7365,
86.2568

■ 65.2253, 72.2273,
87.5955

■ 47.0560, 57.2740,
85.6668

■ 73.1872, 78.3028,
88.3485

■ 42.7488, 53.2985,
85.1265

■ 82.1717, 84.9606,
89.1601

■ 39.2270, 49.7809,
84.6331

■ 87.1916, 89.6302,
89.7968

■ 36.4274, 46.6880,
84.1837

■ 88.6316, 92.5102,
90.2768

■ 34.2769, 43.9816,
83.7746

■ 90.1096, 95.4661,
90.7694

■ 32.6855, 41.6149,
83.4017

■ 91.6259, 98.4986,
91.2749

■ 32.0165, 40.4998,
83.2217

■ 91.7082, 98.6633,
91.3023

Harmonies

Analogous

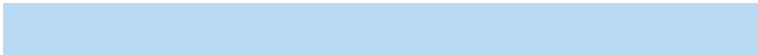
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.7156, 66.7101, 76.7285



58.2436, 66.7101, 86.8974



61.1773, 66.7101, 93.6046

Triad

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



58.2436, 66.7101, 86.8974



70.3577, 66.7101, 79.2881



62.0133, 66.7101, 54.5169

Complementary

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



58.2436, 66.7101, 86.8974



59.1131, 55.9596, 48.2444

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.



65.6880, 66.7101, 55.0588



58.2436, 66.7101, 86.8974



70.6028, 66.7101, 68.6916

Square

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



58.2436, 66.7101, 86.8974



68.2076, 66.7101, 88.9266



68.8647, 66.7101, 60.0270



58.8351, 66.7101, 58.4672

Rectangle

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



58.2436, 66.7101, 86.8974



63.5826, 66.7101, 94.8533



68.8647, 66.7101, 60.0270



63.2297, 66.7101, 54.1907

Sweetspot

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



58.2456, 66.7128, 86.8989



87.6186, 94.4372, 108.2179



55.7462, 70.9638, 57.5500



18.6230, 20.1143, 23.1509



0.0000, 0.0000, 0.0000



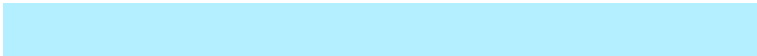
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2456, 66.7128, 86.8989



67.4431, 78.5804, 106.2206



51.3260, 52.8737, 84.5924



15.2378, 16.5620, 19.3159



18.2584, 23.1638, 47.2517



1.5002, 1.9518, 3.7325

Inverse Universe

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



61.9870, 53.2055, 75.4124



72.8661, 59.5425, 89.4502



65.7968, 69.3271, 50.4723



15.5736, 15.2573, 18.3057



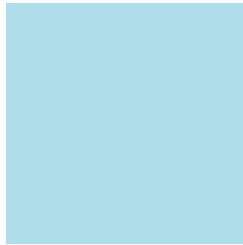
24.0713, 11.8312, 27.2405



1.9237, 0.9425, 2.3157

Previews

White Background



This preview shows how the XYZ color 58.2436, 66.7101, 86.8974 looks on a white background.

Color Contrast Check

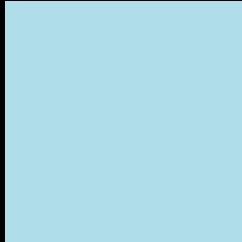
Large Text (above 18pt) WCAG AA × Fail

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 58.2436, 66.7101, 86.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

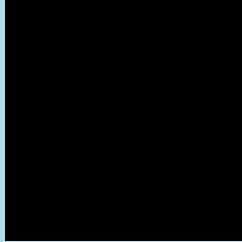
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2436, 66.7101, 86.8974

Background



This preview shows how black text looks on a background with the XYZ color 58.2436, 66.7101, 86.8974.

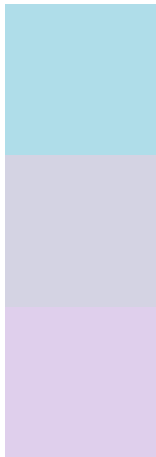


This preview shows how white text looks on a background with the XYZ color 58.2436, 66.7101,

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

58.2436, 66.7101, 86.8974

Protanopia

64.3108, 66.1316, 82.0482

Deuteranopia

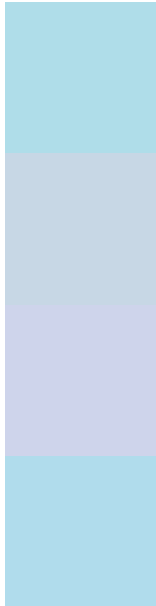
67.8846, 66.3698, 88.5896



Tritanopia

58.9303, 66.5896, 90.6360

Trichromacy



Original Color

58.2436, 66.7101, 86.8974

Protanomaly

61.9965, 66.4001, 83.6777

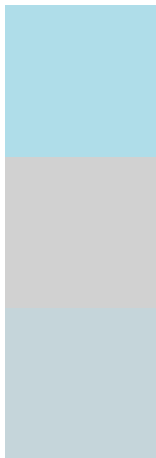
Deuteranomaly

63.9925, 66.2069, 88.0037

Tritanomaly

58.6380, 66.4726, 89.0968

Monochromacy



Original Color

58.2436, 66.7101, 86.8974

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.4751, 64.5208, 75.6487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2436, 66.7101, 86.8974 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(175, 221, 233)` looks like.

```
.text, #text, p{  
    color:rgb(175, 221, 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(175, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 221, 233) }
```

Border

The CSS property to change the border of an element to XYZ 58.2436, 66.7101, 86.8974 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(175, 221, 233) }
```


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

```
.border{ border-color:rgb(175, 221, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 221, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 221, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 221, 233); box-shadow:4px 4px 4px 4px rgb(175, 221, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2436, 66.7101, 86.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 221, 233) }
```

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

```
.background{ background-color: rgb(175,  
221, 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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