

Converting Colors

XYZ(60.9343, 68.5079, 86.3307)

Have a look what the booklet for
XYZ(60.9343, 68.5079, 86.3307)
contains.

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Color

**XYZ(60.9365, 68.5079,
86.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	BADEE8
RGB	186, 222, 232
RGB Percent	73%, 87%, 91%
CMY	0.2706, 0.1294, 0.0902
CMYK	0.20, 0.04, 0.00, 0.09
HSL	193°, 50%, 82%
HSV	193°, 20%, 91%
XYZ	60.9365, 68.5079, 86.3556
YIQ	212.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

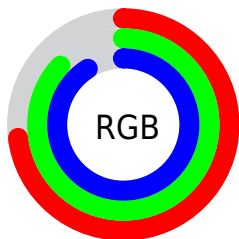
Format	Color
RYB	186, 206, 232
Decimal	12246760
CIELab	86.26, -9.64, -8.82
CIELCh	86, 13.063, 222.461
Yxy	68.5079, 0.2824, 0.3175
Android (android.graphics.Color)	4290436840 (0xFFBADEE8)
YUV	212.3760, 9.6746, -23.1318
Hunter-Lab	82.7695, -13.4315, -3.9202

Details

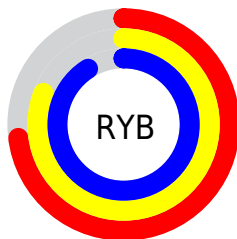
The XYZ color **60.9365, 68.5079, 86.3556** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.8822, 60.1809, 54.8103**, and the grayscale version is **62.7805, 66.0500, 71.9284**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **31.1709, 35.6776, 46.3179** is the 20% darker color. If you saturate the color by 10%, you get **54.4327, 63.1984, 85.6747**, and if you desaturate by 10%, it is **68.3994, 74.3749, 87.0958**.

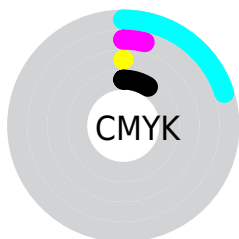
Distribution



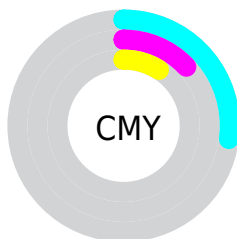
- Red (73%)
- Green (87%)
- Blue (91%)



- Red (73%)
- Yellow (81%)
- Blue (91%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9365, 68.5079, 86.3556 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 60.9365, 68.5079, 86.3556 by changing the saturation by 10% instead.

■ 60.9365, 68.5079,
86.3556

■ 60.9365, 68.5079,
86.3556

417.8208,
455.2934, 536.3642

■ 44.4263, 50.3110,
64.4055

■ 105.2856,
117.0784, 144.1565

■ 31.2051, 35.6606,
46.5309

133.8552,
148.2209, 180.8445

■ 20.9077, 24.1722,
32.3133

167.1753,
184.4474, 223.2821

■ 13.1686, 15.4614,
21.3341

205.6113,
226.1422, 271.8879

■ 7.6226, 9.1438,
13.1748

249.5284,
273.6899, 327.0804

■ 3.9042, 4.8351,
7.4169

299.2922,

■ 1.6481, 2.1509,

327.4747, 389.2783

3.6418

355.2678,
387.8811, 458.9001

■ 0.4234, 0.6930,
1.4310

■ 0.0000, 0.0000,
0.1657

■ 60.9365, 68.5079,
86.3556

■ 60.9365, 68.5079,
86.3556

■ 54.4327, 63.1984,
85.6747

■ 68.3994, 74.3749,
87.0958

■ 48.8376, 58.4145,
85.0462

■ 76.8569, 80.8128,
87.8927

■ 44.1051, 54.1337,
84.4693

■ 86.1278, 87.7304,
88.7393

■ 40.1825, 50.3283,
83.9416

■ 87.6093, 90.6935,
89.2331

■ 37.0112, 46.9676,
83.4600

■ 89.1322, 93.7393,
89.7408

■ 34.5242, 44.0165,
83.0215

■ 90.6969, 96.8686,
90.2623

■ 32.6419, 41.4334,
82.6221

■ 91.5657, 98.6063,
90.5519

■ 31.2308, 39.1490,
82.2555

■ 31.2079, 39.1108,
82.2494

Harmonies

Analogous

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



59.6239, 68.5079, 78.2286



60.9365, 68.5079, 86.3556



63.3857, 68.5079, 91.5458

Triad

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



60.9365, 68.5079, 86.3556



70.7923, 68.5079, 79.7022



63.8735, 68.5079, 59.5471

Complementary

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



60.9365, 68.5079, 86.3556



61.8822, 60.1809, 54.8103

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.



66.8749, 68.5079, 59.8748



60.9365, 68.5079, 86.3556



70.9327, 68.5079, 71.0727

Square

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



60.9365, 68.5079, 86.3556



69.1017, 68.5079, 87.5057



69.4797, 68.5079, 63.9510



61.2841, 68.5079, 63.0183

Rectangle

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



60.9365, 68.5079, 86.3556



65.3636, 68.5079, 92.4144



69.4797, 68.5079, 63.9510



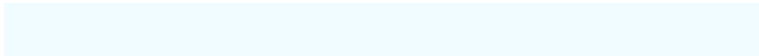
64.8664, 68.5079, 59.2247

Sweetspot

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



60.9385, 68.5107, 86.3571



88.5918, 95.1096, 108.2964



59.0676, 72.1376, 63.0168



18.8177, 20.2468, 23.1662



0.0000, 0.0000, 0.0000



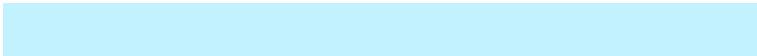
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9385, 68.5107, 86.3571



71.9096, 81.9884, 106.6430



55.2476, 57.1289, 84.4602



14.5277, 15.7769, 18.4239



17.4215, 21.9051, 45.6931



1.3535, 1.7510, 3.3986

Inverse Universe

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



64.0241, 57.5491, 76.8441



76.4692, 66.1474, 92.5053



67.4657, 71.3479, 56.6715



14.8540, 14.5588, 17.4314



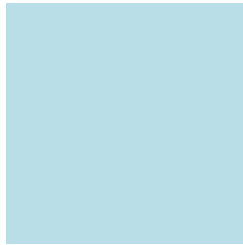
23.1871, 11.4090, 25.6778



1.7468, 0.8564, 2.0733

Previews

White Background



This preview shows how the XYZ color 60.9365, 68.5079, 86.3556 looks on a white background.

Color Contrast Check

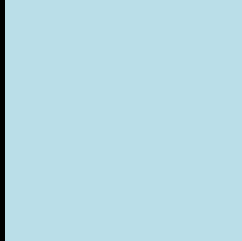
Large Text (above 18pt) WCAG AA × Fail

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 60.9365, 68.5079, 86.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

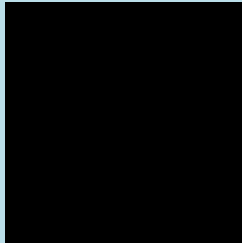
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9365, 68.5079, 86.3556

Background



This preview shows how black text looks on a background with the XYZ color 60.9365, 68.5079, 86.3556.

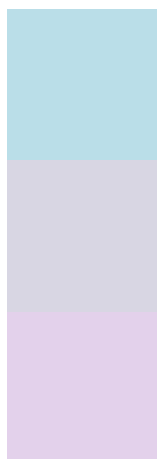


This preview shows how white text looks on a background with the XYZ color 60.9365, 68.5079,

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

60.9365, 68.5079, 86.3556

Protanopia

66.2306, 68.2381, 82.3536

Deuteranopia

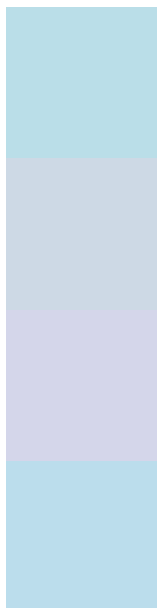
69.4744, 67.9300, 88.0474



Tritanopia

61.9300, 68.5097, 91.6210

Trichromacy



Original Color

60.9365, 68.5079, 86.3556

Protanomaly

64.1325, 68.2620, 83.9245

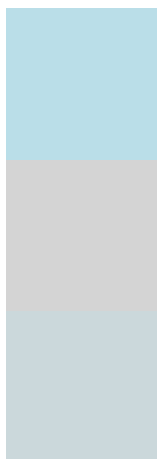
Deuteranomaly

66.0492, 68.0307, 87.4920

Tritanomaly

61.4903, 68.3338, 89.3057

Monochromacy



Original Color

60.9365, 68.5079, 86.3556

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9707, 66.9227, 76.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9365, 68.5079, 86.3556 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(186, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 232)  
}
```

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(186, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.9365, 68.5079, 86.3556 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(186, 222, 232) }
```


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

```
.border{ border-color:rgb(186, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9365, 68.5079, 86.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 232) }
```

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

```
.background{ background-color: rgb(186,  
222, 232) }
```

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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