

Converting Colors

XYZ(62.5246, 74.2666, 93.4624)

Have a look what the booklet for
XYZ(62.5246, 74.2666, 93.4624)
contains.

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Color

**XYZ(62.3846, 74.0211,
93.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEAF0
RGB	173, 234, 240
RGB Percent	68%, 92%, 94%
CMY	0.3216, 0.0823, 0.0588
CMYK	0.28, 0.02, 0.00, 0.06
HSL	185°, 69%, 81%
HSV	185°, 28%, 94%
XYZ	62.3846, 74.0211, 93.4376
YIQ	216.4450, -38.2820, -11.0660

Conversions

Conversions Part 2

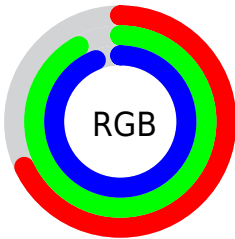
Format	Color
RYB	173, 205, 240
Decimal	11397872
CIELab	88.93, -17.77, -9.14
CIELCh	89, 19.981, 207.218
Yxy	74.0211, 0.2714, 0.3221
Android (android.graphics.Color)	4289587952 (0xFFADEAF0)
YUV	216.4450, 11.6126, -38.1013
Hunter-Lab	86.0355, -21.1313, -4.1662

Details

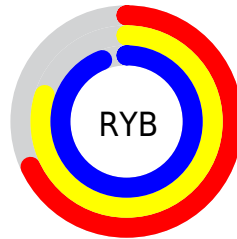
The XYZ color **62.3846, 74.0211, 93.4376** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.5991, 53.7833, 46.7769**, and the grayscale version is **65.5174, 68.9294, 75.0641**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **32.0433, 39.1530, 51.2158** is the 20% darker color. If you saturate the color by 10%, you get **56.9395, 70.3134, 93.0102**, and if you desaturate by 10%, it is **68.7947, 78.2410, 93.9155**.

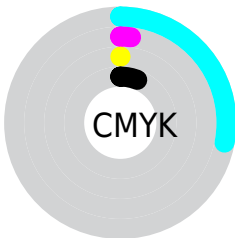
Distribution



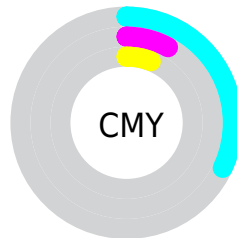
- Red (68%)
- Green (92%)
- Blue (94%)



- Red (68%)
- Yellow (80%)
- Blue (94%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (32%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3846, 74.0211, 93.4376 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 62.3846, 74.0211, 93.4376 by changing the saturation by 10% instead.

62.3846, 74.0211,
93.4376

62.3846, 74.0211,
93.4376

423.0278,
474.5462, 560.0070

45.6003, 54.8113,
70.2456

107.3680,
124.9257, 154.0813

32.1338, 39.2507,
51.2487

136.2978,
157.3893, 192.3700

21.6198, 26.9548,
36.0285

170.0069,
195.0397, 236.5280

13.6928, 17.5393,
24.1663

208.8605,
238.2612, 286.9739

7.9876, 10.6197,
15.2437

253.2240,
287.4381, 344.1263

4.1388, 5.8117,
8.8421

303.4629,

1.7809, 2.7309,

342.9551, 408.4035

4.5429

359.9424,
405.1963, 480.2242

■ 0.5061, 0.9929,
1.9277

■ 0.0000, 0.0000,
0.5103

■ 62.3846, 74.0211,
93.4376

■ 62.3846, 74.0211,
93.4376

■ 56.9395, 70.3134,
93.0102

■ 68.7947, 78.2410,
93.9155

■ 52.4018, 67.0826,
92.6257

■ 76.2106, 82.9886,
94.4410

■ 48.7179, 64.3028,
92.2833

■ 84.6785, 88.2897,
95.0179

■ 45.8256, 61.9421,
91.9801

■ 88.8988, 91.4121,
95.3982

43.6546, 59.9640,
91.7127

89.5441, 92.7027,
95.6133

42.1218, 58.3258,
91.4773

90.1969, 94.0084,
95.8309

41.1136, 56.9688,
91.2685

90.8574, 95.3292,
96.0510

40.9344, 56.7032,
91.2267

91.5254, 96.6653,
96.2737

92.2010, 98.0166,
96.4989

Harmonies

Analogous

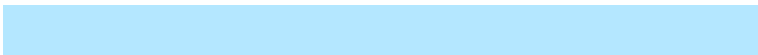
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4465, 74.0211, 79.3074



62.3846, 74.0211, 93.4376



65.4262, 74.0211, 105.1965

Triad

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



62.3846, 74.0211, 93.4376



78.4888, 74.0211, 95.9367



70.8083, 74.0211, 56.7582

Complementary

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



62.3846, 74.0211, 93.4376



59.5991, 53.7833, 46.7769

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.



75.5250, 74.0211, 60.1656



62.3846, 74.0211, 93.4376



80.0850, 74.0211, 81.8993

Square

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



62.3846, 74.0211, 93.4376



74.7063, 74.0211, 106.7518



78.9766, 74.0211, 68.9891



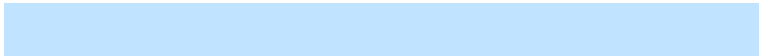
66.1757, 74.0211, 59.1055

Rectangle

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



62.3846, 74.0211, 93.4376



68.3121, 74.0211, 109.5440



78.9766, 74.0211, 68.9891



72.4379, 74.0211, 57.2585

Sweetspot

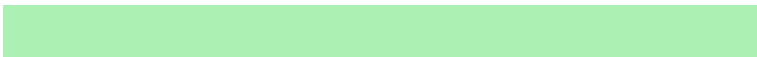
The Sweet Spot groups the original color and five complimentary colors.



62.3868, 74.0241, 93.4393



87.3592, 95.1746, 108.3739



56.4898, 74.4437, 53.8207



18.4076, 20.1869, 23.1762



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.



62.3868, 74.0241, 93.4393



68.2158, 82.6688, 106.9691



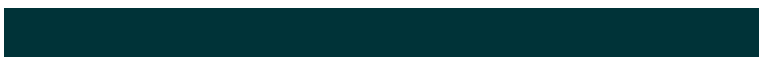
53.8306, 56.9117, 90.5872



16.1193, 17.6728, 20.2832



22.4588, 31.1419, 49.9552



1.9035, 2.6610, 4.1675

Inverse Universe

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



65.7319, 54.3547, 84.8722



72.6353, 57.0735, 95.5623



67.0438, 68.6726, 49.2584



16.3897, 16.0056, 19.6082



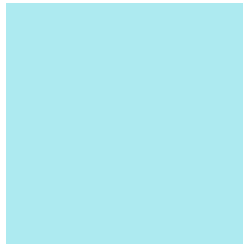
26.6618, 12.9371, 37.7312



2.2357, 1.0833, 3.2323

Previews

White Background



This preview shows how the XYZ color 62.3846, 74.0211, 93.4376 looks on a white background.

Color Contrast Check

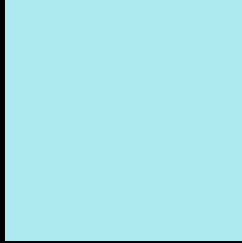
Large Text (above 18pt) WCAG AA × Fail

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 62.3846, 74.0211, 93.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

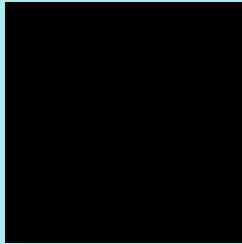
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3846, 74.0211, 93.4376

Background



This preview shows how black text looks on a background with the XYZ color 62.3846, 74.0211, 93.4376.

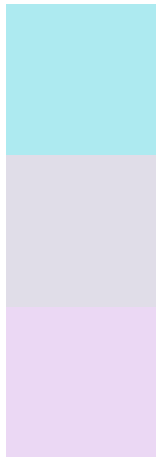


This preview shows how white text looks on a background with the XYZ color 62.3846, 74.0211,

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

62.3846, 74.0211, 93.4376

Protanopia

71.1624, 73.3864, 86.7583

Deuteranopia

75.1460, 73.3056, 95.7767



Tritanopia

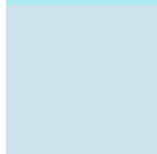
63.9484, 73.7922, 102.1397

Trichromacy



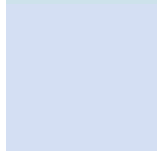
Original Color

62.3846, 74.0211, 93.4376



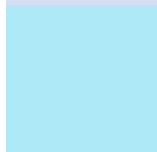
Protanomaly

67.3686, 73.3700, 89.2084



Deuteranomaly

69.7167, 73.2435, 95.2570



Tritanomaly

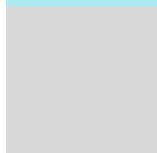
63.3830, 73.9919, 98.9369

Monochromacy



Original Color

62.3846, 74.0211, 93.4376



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.7977, 70.4910, 81.4778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3846, 74.0211, 93.4376 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(173, 234, 240)` looks like.

```
.text, #text, p{  
    color:rgb(173, 234, 240)  
}
```

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(173, 234, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 234, 240) }
```

Border

The CSS property to change the border of an element to XYZ 62.3846, 74.0211, 93.4376 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(173, 234, 240) }
```


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

```
.border{ border-color:rgb(173, 234, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 234, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 234, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 234, 240);  
box-shadow:4px 4px 4px 4px rgb(173, 234,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3846, 74.0211, 93.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 234, 240) }
```

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

```
.background{ background-color: rgb(173,  
234, 240) }
```

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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