

Converting Colors

XYZ(62.2626, 73.4674, 96.4870)

Have a look what the booklet for
XYZ(62.2626, 73.4674, 96.4870)
contains.

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Color

**XYZ(62.2626, 73.4674,
96.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE9F4
RGB	171, 233, 244
RGB Percent	67%, 91%, 96%
CMY	0.3294, 0.0863, 0.0431
CMYK	0.30, 0.05, 0.00, 0.04
HSL	189°, 77%, 81%
HSV	189°, 30%, 96%
XYZ	62.2626, 73.4674, 96.4870
YIQ	215.7160, -40.4830, -9.7230

Conversions

Conversions Part 2

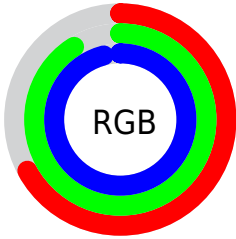
Format	Color
RYB	171, 205, 244
Decimal	11266548
CIELab	88.67, -16.92, -11.64
CIELCh	89, 20.536, 214.516
Yxy	73.4674, 0.2681, 0.3164
Android (android.graphics.Color)	4289456628 (0xFFABE9F4)
YUV	215.7160, 13.9440, -39.2159
Hunter-Lab	85.7131, -20.3344, -6.7434

Details

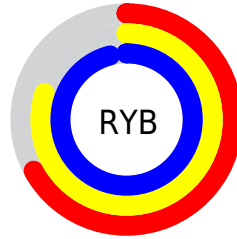
The XYZ color **62.2626, 73.4674, 96.4870** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.3878, 55.6298, 46.0318**, and the grayscale version is **65.0067, 68.3921, 74.4790**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **32.0017, 38.7881, 53.3771** is the 20% darker color. If you saturate the color by 10%, you get **56.4012, 68.9187, 95.9192**, and if you desaturate by 10%, it is **69.1311, 78.5710, 97.1113**.

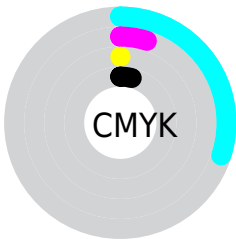
Distribution



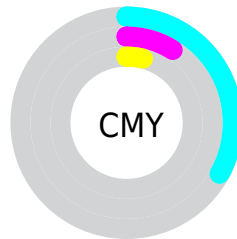
- Red (67%)
- Green (91%)
- Blue (96%)



- Red (67%)
- Yellow (80%)
- Blue (96%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2626, 73.4674, 96.4870 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 62.2626, 73.4674, 96.4870 by changing the saturation by 10% instead.

62.2626, 73.4674,
96.4870

62.2626, 73.4674,
96.4870

422.5906,
472.6331, 570.0201

45.5013, 54.3582,
72.7695

107.1928,
124.1405, 158.3306

32.0554, 38.8881,
53.2968

136.0924,
156.4733, 197.2937

21.5596, 26.6727,
37.6504

169.7688,
193.9827, 242.1759

13.6484, 17.3276,
25.4118

208.5874,
237.0531, 293.3955

7.9566, 10.4683,
16.1623

252.9135,
286.0690, 351.3712

4.1188, 5.7106,
9.4835

303.1125,

1.7695, 2.6699,

341.4147, 416.5215

4.9568

359.5498,
403.4746, 489.2650

■ 0.4992, 0.9619,
2.1636

■ 0.0000, 0.0000,
0.6533

■ 62.2626, 73.4674,
96.4870

■ 62.2626, 73.4674,
96.4870

■ 56.4012, 68.9187,
95.9192

■ 69.1311, 78.5710,
97.1113

■ 51.4862, 64.8881,
95.4003

■ 77.0501, 84.2468,
97.7895

■ 47.4602, 61.3477,
94.9291

■ 86.0686, 90.5219,
98.5254

■ 44.2571, 58.2630,
94.5025

■ 91.0470, 94.7471,
99.0785

■ 41.8012, 55.5949,
94.1169

■ 92.1866, 97.0261,
99.4584

■ 40.0022, 53.2967,
93.7681

■ 93.3294, 99.3117,
99.8393

■ 38.7110, 51.2912,
93.4491

■ 38.7011, 51.2752,
93.4465

Harmonies

Analogous

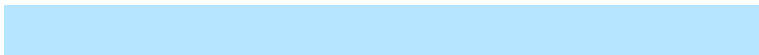
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7475, 73.4674, 82.1631



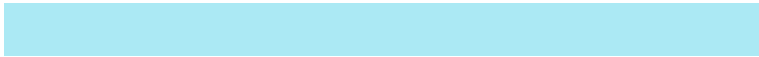
62.2626, 73.4674, 96.4870



65.8056, 73.4674, 107.2646

Triad

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



62.2626, 73.4674, 96.4870



78.7948, 73.4674, 92.3282



69.0805, 73.4674, 55.7409

Complementary

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



62.2626, 73.4674, 96.4870



61.3878, 55.6298, 46.0318

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.



74.0122, 73.4674, 57.7872



62.2626, 73.4674, 96.4870



79.7723, 73.4674, 77.8625

Square

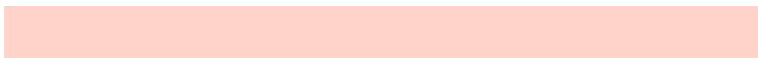
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.2626, 73.4674, 96.4870



75.3723, 73.4674, 104.6711



77.9839, 73.4674, 65.4956



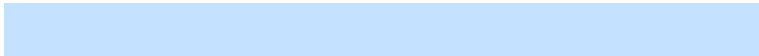
64.5636, 73.4674, 59.5357

Rectangle

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



62.2626, 73.4674, 96.4870



68.9212, 73.4674, 110.3731



77.9839, 73.4674, 65.4956



70.7438, 73.4674, 55.7725

Sweetspot

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



62.2648, 73.4703, 96.4887



86.0119, 93.7180, 108.1638



57.5851, 76.7360, 56.0069



18.1175, 19.8531, 23.1271



0.0000, 0.0000, 0.0000



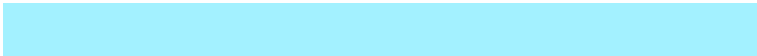
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2648, 73.4703, 96.4887



64.7010, 78.0392, 106.2607



52.9894, 54.9196, 93.3969



16.7716, 18.3074, 21.1923



21.1239, 28.0416, 50.8373



1.9130, 2.5775, 4.4869

Inverse Universe

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



66.5809, 54.2438, 84.0550



70.2754, 53.8865, 90.0498



69.8486, 72.5514, 48.8520



17.1000, 16.7229, 20.2733



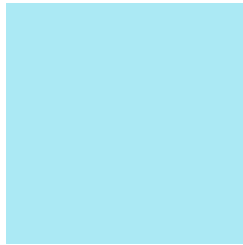
26.4669, 12.9302, 33.4967



2.3547, 1.1478, 3.0941

Previews

White Background



This preview shows how the XYZ color 62.2626, 73.4674, 96.4870 looks on a white background.

Color Contrast Check

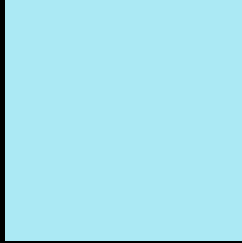
Large Text (above 18pt) WCAG AA × Fail

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 62.2626, 73.4674, 96.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

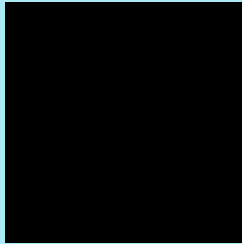
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2626, 73.4674, 96.4870

Background



This preview shows how black text looks on a background with the XYZ color 62.2626, 73.4674, 96.4870.



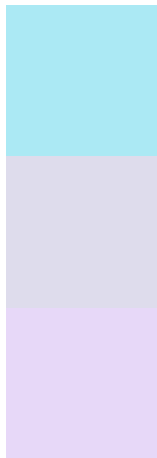
This preview shows how white text looks on a background with the XYZ color 62.2626, 73.4674,

96.4870.

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

62.2626, 73.4674, 96.4870

Protanopia

70.8577, 72.7721, 89.6687

Deuteranopia

74.4541, 72.8780, 98.9496



Tritanopia

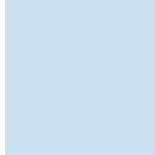
63.5028, 73.5625, 102.1188

Trichromacy



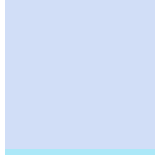
Original Color

62.2626, 73.4674, 96.4870



Protanomaly

67.1338, 72.7789, 92.1708



Deuteranomaly

69.2043, 72.5133, 98.3447



Tritanomaly

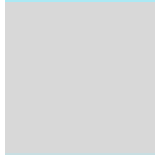
62.8131, 73.2612, 99.6372

Monochromacy



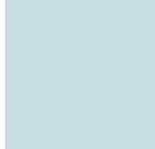
Original Color

62.2626, 73.4674, 96.4870



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.6682, 70.0129, 82.1097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2626, 73.4674, 96.4870 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(171, 233, 244)` looks like.

```
.text, #text, p{  
    color:rgb(171, 233, 244)  
}
```

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(171, 233, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 233, 244) }
```

Border

The CSS property to change the border of an element to XYZ 62.2626, 73.4674, 96.4870 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(171, 233, 244) }
```


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

```
.border{ border-color:rgb(171, 233, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 233, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 233, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 233, 244);  
box-shadow:4px 4px 4px 4px rgb(171, 233,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2626, 73.4674, 96.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 233, 244) }
```

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

```
.background{ background-color: rgb(171,  
233, 244) }
```

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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