

Converting Colors

XYZ(62.5586, 72.9605,
104.0427)

Have a look what the booklet for
XYZ(62.5586, 72.9605, 104.0427)
contains.

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Color

**XYZ(62.5226, 73.0206,
103.7276)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E8FD
RGB	167, 232, 253
RGB Percent	65%, 91%, 99%
CMY	0.3451, 0.0902, 0.0078
CMYK	0.34, 0.08, 0.00, 0.01
HSL	195°, 96%, 82%
HSV	195°, 34%, 99%
XYZ	62.5226, 73.0206, 103.7276
YIQ	214.9590, -45.4810, -7.2490

Conversions

Conversions Part 2

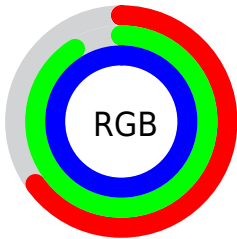
Format	Color
R _Y B	167, 204, 253
Decimal	11004157
CIE Lab	88.46, -15.40, -16.69
CIE LCh	88, 22.713, 227.305
Yxy	73.0206, 0.2613, 0.3052
Android (android.graphics.Color)	4289194237 (0xFFA7E8FD)
YUV	214.9590, 18.7542, -42.0600
Hunter-Lab	85.4521, -18.9383, -12.1538

Details

The XYZ color **62.5226, 73.0206, 103.7276** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.4674, 59.6400, 44.6222**, and the grayscale version is **64.4646, 67.8217, 73.8579**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **32.1712, 38.4809, 57.9565** is the 20% darker color. If you saturate the color by 10%, you get **55.9837, 67.1152, 102.9336**, and if you desaturate by 10%, it is **70.1726, 79.5930, 104.5943**.

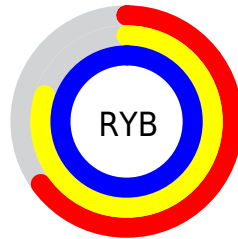
Distribution



Red (65%)

Green (91%)

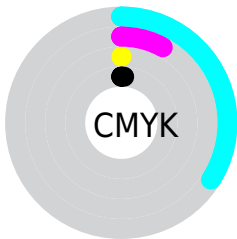
Blue (99%)



Red (65%)

Yellow (80%)

Blue (99%)

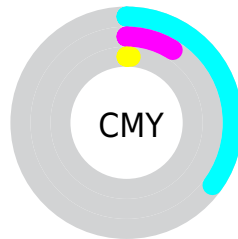


Cyan (34%)

Magenta (8%)

Yellow (0%)

Black (1%)



Cyan (35%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5226, 73.0206, 103.7276 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 62.5226, 73.0206, 103.7276 by changing the saturation by 10% instead.

62.5226, 73.0206,
103.7276

62.5226, 73.0206,
103.7276

423.5221,
471.0862, 593.4272

45.7123, 53.9928,
78.7831

107.5662,
123.5065, 168.3668

32.2225, 38.5959,
58.1972

136.5301,
155.7333, 208.8985

21.6879, 26.4455,
41.5515

170.2760,
193.1286, 255.4631

13.7431, 17.1572,
28.4273

209.1692,
236.0768, 308.4790

8.0227, 10.3467,
18.4062

253.5751,
284.9623, 368.3649

4.1614, 5.6294,
11.0695

303.8589,

1.7938, 2.6211,

340.1694, 435.5391

5.9989

360.3861,
402.0826, 510.4204

■ 0.5140, 0.9373,
2.7756

■ 0.0000, 0.0000,
0.9812

■ 62.5226, 73.0206,
103.7276

■ 62.5226, 73.0206,
103.7276

■ 55.9837, 67.1152,
102.9336

■ 70.1726, 79.5930,
104.5943

■ 50.4874, 61.8354,
102.2042

■ 78.9838, 86.8539,
105.5314

■ 45.9677, 57.1478,
101.5376

■ 89.0114, 94.8345,
106.5432

■ 42.3478, 53.0121,
100.9302

■ 94.7299, 99.8719,
107.2142

■ 39.5387, 49.3814,
100.3774

■ 37.4320, 46.1988,
99.8741

■ 36.4106, 44.4533,
99.5911

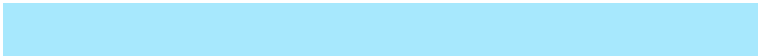
Harmonies

Analogous

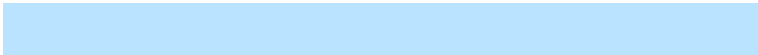
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8514, 73.0206, 88.7944



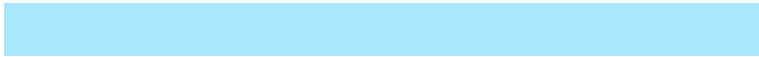
62.5226, 73.0206, 103.7276



67.1212, 73.0206, 112.6101

Triad

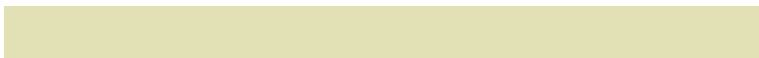
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.5226, 73.0206, 103.7276



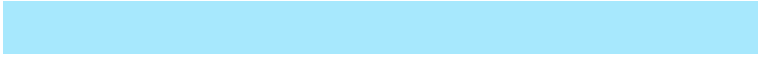
80.1628, 73.0206, 86.3024



66.3263, 73.0206, 54.1074

Complementary

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



62.5226, 73.0206, 103.7276



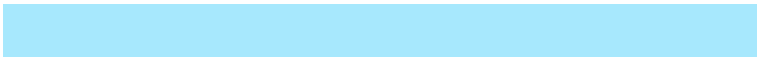
65.4674, 59.6400, 44.6222

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.



71.7378, 73.0206, 53.6244



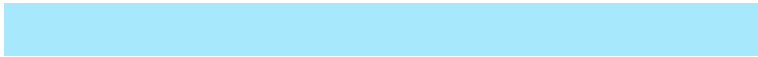
62.5226, 73.0206, 103.7276



79.9223, 73.0206, 70.8909

Square

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



62.5226, 73.0206, 103.7276



77.4131, 73.0206, 101.6983



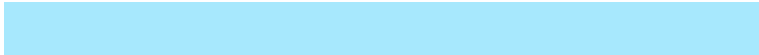
76.7724, 73.0206, 59.3848



61.9670, 73.0206, 60.8043

Rectangle

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



62.5226, 73.0206, 103.7276



70.7479, 73.0206, 113.2308



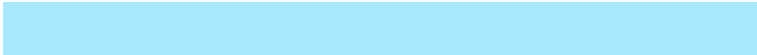
76.7724, 73.0206, 59.3848



68.0770, 73.0206, 53.2475

Sweetspot

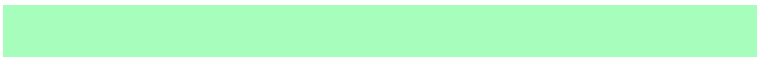
The Sweet Spot groups the original color and five complimentary colors.



62.5248, 73.0235, 103.7293



84.3287, 91.5721, 107.8383



60.0400, 82.0583, 59.7274



17.7492, 19.3596, 23.0512



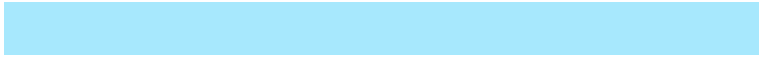
0.0000, 0.0000, 0.0000



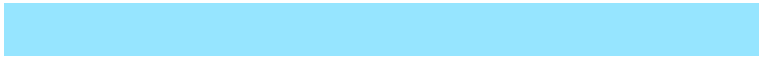
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5248, 73.0235, 103.7293



58.8610, 70.0476, 105.0260



52.0667, 52.1073, 100.2433



18.1571, 19.6858, 23.0927



19.4889, 23.8875, 53.0182



1.9828, 2.4964, 5.1906

Inverse Universe

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



68.8941, 54.3482, 83.2062



66.4273, 48.9002, 80.4131



75.7999, 80.3050, 48.0664



18.5919, 18.2201, 21.7343



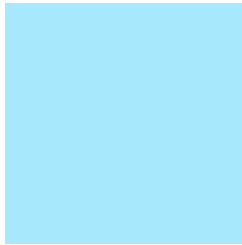
26.6253, 13.1394, 27.7411



2.6355, 1.2966, 2.9277

Previews

White Background



This preview shows how the XYZ color 62.5226, 73.0206, 103.7276 looks on a white background.

Color Contrast Check

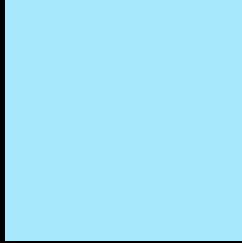
Large Text (above 18pt) WCAG AA × Fail

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 62.5226, 73.0206, 103.7276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

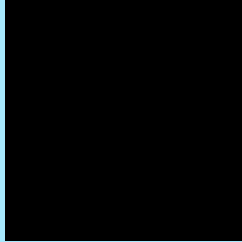
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5226, 73.0206, 103.7276

Background



This preview shows how black text looks on a background with the XYZ color 62.5226, 73.0206, 103.7276.

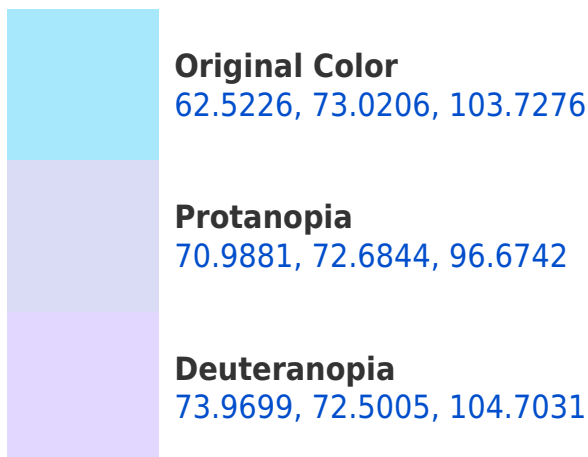


This preview shows how white text looks on a background with the XYZ color 62.5226, 73.0206,

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

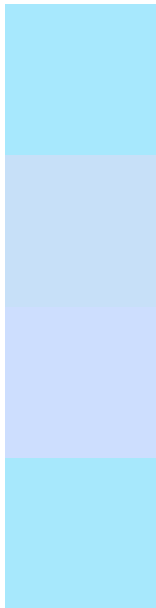




Tritanopia

62.2055, 72.8937, 102.0581

Trichromacy



Original Color

62.5226, 73.0206, 103.7276

Protanomaly

67.1521, 72.2307, 99.2096

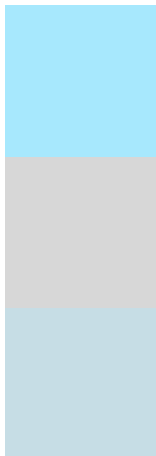
Deuteranomaly

69.1875, 72.3774, 104.0896

Tritanomaly

62.3637, 72.9570, 102.8907

Monochromacy



Original Color

62.5226, 73.0206, 103.7276

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.2880, 69.3758, 84.1840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5226, 73.0206, 103.7276 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(167, 232, 253)` looks like.

```
.text, #text, p{  
    color:rgb(167, 232, 253)  
}
```

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(167, 232, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 232, 253) }
```

Border

The CSS property to change the border of an element to XYZ 62.5226, 73.0206, 103.7276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

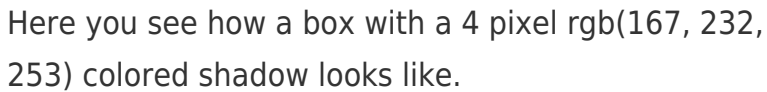
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 232, 253) }
```


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

```
.border{ border-color:rgb(167, 232, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 232, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 232, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 232, 253);  
box-shadow:4px 4px 4px 4px rgb(167, 232,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5226, 73.0206, 103.7276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 232, 253) }
```

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

```
.background{ background-color: rgb(167,  
232, 253) }
```

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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