

Converting Colors

XYZ(62.3392, 75.2070, 96.8187)

Have a look what the booklet for
XYZ(62.3392, 75.2070, 96.8187)
contains.

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Color

**XYZ(62.3392, 75.2070,
96.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	A6EDF4
RGB	166, 237, 244
RGB Percent	65%, 93%, 96%
CMY	0.3490, 0.0706, 0.0431
CMYK	0.32, 0.03, 0.00, 0.04
HSL	185°, 78%, 80%
HSV	185°, 32%, 96%
XYZ	62.3392, 75.2070, 96.8187
YIQ	216.5690, -44.5630, -12.8750

Conversions

Conversions Part 2

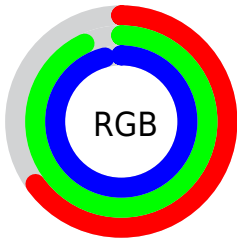
Format	Color
RYB	166, 203, 244
Decimal	10939892
CIELab	89.49, -20.28, -10.44
CIELCh	89, 22.808, 207.250
Yxy	75.2070, 0.2660, 0.3209
Android (android.graphics.Color)	4289129972 (0xFFA6EDF4)
YUV	216.5690, 13.5235, -44.3490
Hunter-Lab	86.7220, -23.4505, -5.4875

Details

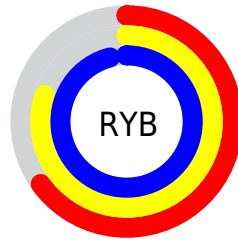
The XYZ color **62.3392, 75.2070, 96.8187** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.1358, 51.8741, 42.9740**, and the grayscale version is **65.5925, 69.0085, 75.1502**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **32.1565, 40.0581, 53.6141** is the 20% darker color. If you saturate the color by 10%, you get **57.0723, 71.5585, 96.3933**, and if you desaturate by 10%, it is **68.5887, 79.3772, 97.2955**.

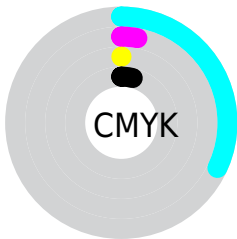
Distribution



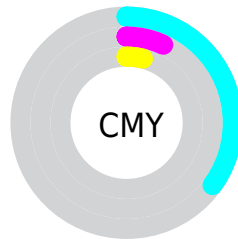
- Red (65%)
- Green (93%)
- Blue (96%)



- Red (65%)
- Yellow (80%)
- Blue (96%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (35%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3392, 75.2070, 96.8187 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 62.3392, 75.2070, 96.8187 by changing the saturation by 10% instead.

62.3392, 75.2070,
96.8187

62.3392, 75.2070,
96.8187

422.8652,
478.6288, 571.1035

45.5635, 55.7825,
73.0444

107.3028,
126.6053, 158.7920

32.1047, 40.0286,
53.5202

136.2214,
159.3479, 197.8280

21.5974, 27.5608,
37.8276

169.9183,
197.2987, 242.7883

13.6763, 17.9949,
25.5482

208.7589,
240.8420, 294.0915

7.9761, 10.9463,
16.2632

253.1085,
290.3623, 352.1560

4.1313, 6.0307,
9.5542

303.3325,

1.7767, 2.8638,

346.2439, 417.4005

5.0027

359.7963,
408.8713, 490.2435

0.5036, 1.0610,
2.1901

0.0000, 0.0000,
0.6686

62.3392, 75.2070,
96.8187

62.3392, 75.2070,
96.8187

57.0723, 71.5585,
96.3933

68.5887, 79.3772,
97.2955

52.7261, 68.3943,
96.0117

75.8647, 84.0863,
97.8210

49.2424, 65.6861,
95.6725

84.2167, 89.3616,
98.3990

46.5533, 63.3989,
95.3728

90.4522, 93.5574,
98.8802

■ 44.5807, 61.4924,
95.1088

■ 91.1211, 94.8952,
99.1032

■ 43.2307, 59.9181,
94.8760

■ 91.7979, 96.2488,
99.3288

■ 42.4804, 58.8338,
94.7063

■ 92.4826, 97.6181,
99.5570

■ 93.1751, 99.0033,
99.7879

■ 93.3294, 99.3117,
99.8393

Harmonies

Analogous

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



61.2670, 75.2070, 80.4186



62.3392, 75.2070, 96.8187



65.8194, 75.2070, 110.6259

Triad

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



62.3392, 75.2070, 96.8187



80.9159, 75.2070, 99.7092



71.9993, 75.2070, 54.8100

Complementary

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



62.3392, 75.2070, 96.8187



59.1358, 51.8741, 42.9740

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.



77.4604, 75.2070, 58.6146



62.3392, 75.2070, 96.8187



82.7737, 75.2070, 83.3744

Square

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



62.3392, 75.2070, 96.8187



76.5213, 75.2070, 112.4418



81.4777, 75.2070, 68.5764



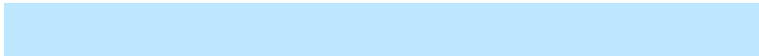
66.6690, 75.2070, 57.4400

Rectangle

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



62.3392, 75.2070, 96.8187



69.1342, 75.2070, 115.7594



81.4777, 75.2070, 68.5764



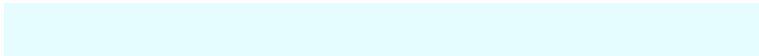
73.8823, 75.2070, 55.3659

Sweetspot

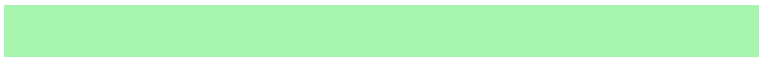
The Sweet Spot groups the original color and five complimentary colors.



62.3414, 75.2100, 96.8204



85.5574, 94.0295, 108.2479



55.5726, 75.8076, 50.9870



18.0482, 19.9576, 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.



62.3414, 75.2100, 96.8204



65.2195, 80.5977, 106.7272



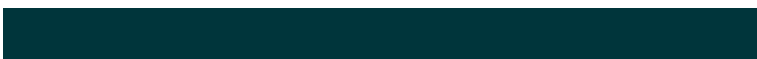
52.3652, 55.2575, 93.4950



16.8622, 18.4886, 21.2225



23.1508, 32.0954, 51.5129



2.0713, 2.8939, 4.5397

Inverse Universe

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



66.2323, 52.6218, 86.7903



70.1657, 52.4205, 93.8561



67.6113, 68.8252, 45.7992



17.1458, 16.7412, 20.5141



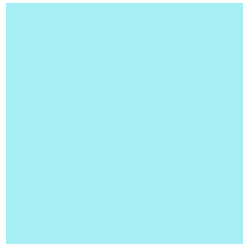
27.4900, 13.3394, 38.8841



2.4345, 1.1798, 3.5146

Previews

White Background



This preview shows how the XYZ color 62.3392, 75.2070, 96.8187 looks on a white background.

Color Contrast Check

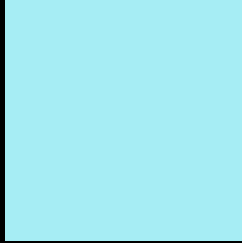
Large Text (above 18pt) WCAG AA × Fail

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 62.3392, 75.2070, 96.8187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

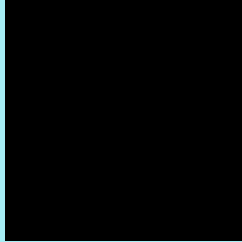
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3392, 75.2070, 96.8187

Background



This preview shows how black text looks on a background with the XYZ color 62.3392, 75.2070, 96.8187.

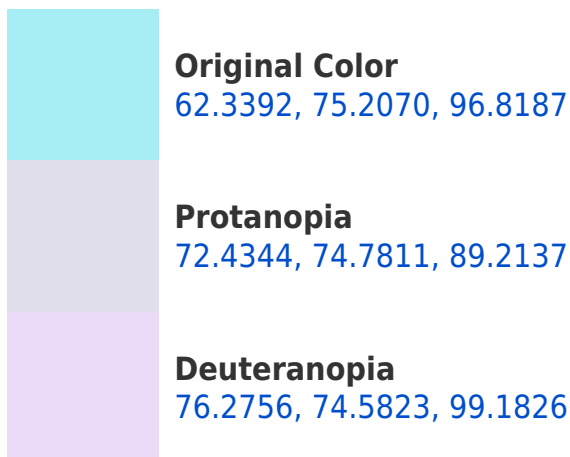


This preview shows how white text looks on a background with the XYZ color 62.3392, 75.2070,

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

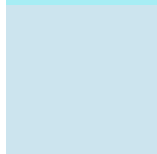
63.7462, 74.8972, 104.8628

Trichromacy



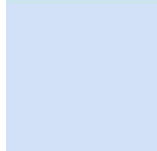
Original Color

62.3392, 75.2070, 96.8187



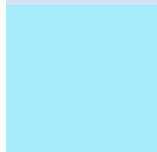
Protanomaly

68.0779, 74.4972, 91.6802



Deuteranomaly

70.2921, 74.2675, 98.6260



Tritanomaly

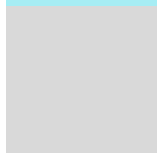
63.1871, 75.1085, 101.6096

Monochromacy



Original Color

62.3392, 75.2070, 96.8187



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.8095, 70.8631, 82.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3392, 75.2070, 96.8187 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(166, 237, 244)` looks like.

```
.text, #text, p{  
    color:rgb(166, 237, 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(166, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 237, 244) }
```

Border

The CSS property to change the border of an element to XYZ 62.3392, 75.2070, 96.8187 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(166, 237, 244) }
```


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

```
.border{ border-color:rgb(166, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(166, 237,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3392, 75.2070, 96.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 237, 244) }
```

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

```
.background{ background-color: rgb(166,  
237, 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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