

Converting Colors

XYZ(62.5438, 75.7704, 92.0754)

Have a look what the booklet for
XYZ(62.5438, 75.7704, 92.0754)
contains.

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Color

**XYZ(62.5847, 75.8682,
92.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	AAEEEE
RGB	170, 238, 238
RGB Percent	67%, 93%, 93%
CMY	0.3333, 0.0666, 0.0667
CMYK	0.29, 0.00, 0.00, 0.07
HSL	180°, 67%, 80%
HSV	180°, 29%, 93%
XYZ	62.5847, 75.8682, 92.2344
YIQ	217.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

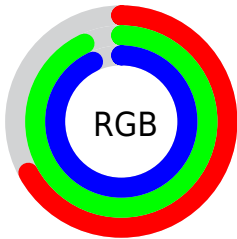
Format	Color
RYB	170, 204, 238
Decimal	11202286
CIELab	89.80, -21.04, -6.83
CIELCh	90, 22.116, 197.981
Yxy	75.8682, 0.2713, 0.3289
Android (android.graphics.Color)	4289392366 (0xFFAAEEEE)
YUV	217.6680, 10.0237, -41.8048
Hunter-Lab	87.1024, -24.1735, -1.8117

Details

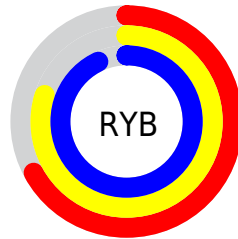
The XYZ color **62.5847, 75.8682, 92.2344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.8930, 49.8310, 44.6529**, and the grayscale version is **66.3669, 69.8232, 76.0374**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **32.2417, 40.4781, 50.3697** is the 20% darker color. If you saturate the color by 10%, you get **57.8987, 73.4544, 92.0160**, and if you desaturate by 10%, it is **68.2066, 78.7683, 92.4999**.

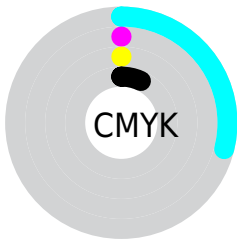
Distribution



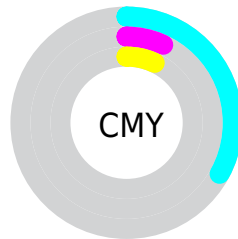
- Red (67%)
- Green (93%)
- Blue (93%)



- Red (67%)
- Yellow (80%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5847, 75.8682, 92.2344 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 62.5847, 75.8682, 92.2344 by changing the saturation by 10% instead.

62.5847, 75.8682,
92.2344

62.5847, 75.8682,
92.2344

423.7444,
480.8964, 556.0293

45.7627, 56.3244,
69.2512

107.6553,
127.5406, 152.4007

32.2624, 40.4631,
50.4433

136.6347,
160.4380, 190.4210

21.7185, 27.8998,
35.3921

170.3971,
198.5554, 234.2906

13.7657, 18.2501,
23.6791

209.3081,
242.2772, 284.4283

8.0385, 11.1297,
14.8858

253.7330,
291.9878, 341.2524

4.1716, 6.1542,
8.5935

304.0371,

1.7997, 2.9390,

348.0716, 405.1816

4.3838

360.5858,
410.9130, 476.6344

■ 0.5175, 1.1000,
1.8382

■ 0.0000, 0.0000,
0.4530

■ 62.5847, 75.8682,
92.2344

■ 62.5847, 75.8682,
92.2344

■ 57.8987, 73.4544,
92.0160

■ 68.2066, 78.7683,
92.4999

■ 54.0915, 71.4917,
91.8370

■ 74.8041, 82.1694,
92.8095

■ 51.1104, 69.9550,
91.6967

■ 82.4230, 86.0971,
93.1668

■ 48.8942, 68.8125,
91.5922

■ 87.2493, 88.5851,
93.3934

47.3733, 68.0284,
91.5202

87.2495, 88.5852,
93.3942

46.4651, 67.5603,
91.4770

87.2496, 88.5852,
93.3950

46.0502, 67.3464,
91.4568

87.2498, 88.5853,
93.3958

46.0077, 67.3244,
91.4547

87.2499, 88.5854,
93.3966

87.2501, 88.5854,
93.3974

Harmonies

Analogous

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



62.3281, 75.8682, 76.5074



62.5847, 75.8682, 92.2344



65.3132, 75.8682, 107.0008

Triad

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



62.5847, 75.8682, 92.2344



80.1889, 75.8682, 104.3965



74.3173, 75.8682, 56.5669

Complementary

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



62.5847, 75.8682, 92.2344



56.8930, 49.8310, 44.6529

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.



79.3636, 75.8682, 62.2356



62.5847, 75.8682, 92.2344



82.8663, 75.8682, 89.0237

Square

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



62.5847, 75.8682, 92.2344



75.3979, 75.8682, 114.6091



82.5568, 75.8682, 73.6750



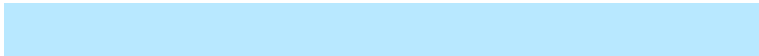
68.9200, 75.8682, 57.1976

Rectangle

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



62.5847, 75.8682, 92.2344



68.2481, 75.8682, 113.7106



82.5568, 75.8682, 73.6750



76.1158, 75.8682, 57.7662

Sweetspot

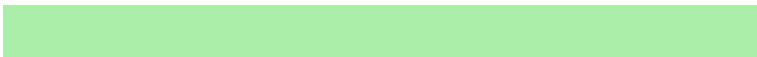
The Sweet Spot groups the original color and five complimentary colors.



62.5869, 75.8713, 92.2361



87.1048, 95.9041, 108.5273



54.6561, 72.7274, 49.1888



18.3888, 20.3959, 23.2173



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.



62.5869, 75.8713, 92.2361



70.0218, 87.0976, 107.7256



53.8756, 58.4480, 89.3345



16.2474, 17.9290, 20.3258



25.6665, 37.5586, 51.0203



2.1352, 3.1245, 4.2445

Inverse Universe

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



56.8930, 49.8310, 44.6529



62.3943, 52.2147, 43.9842



63.8427, 63.7310, 46.9681



15.7729, 15.7589, 16.3603



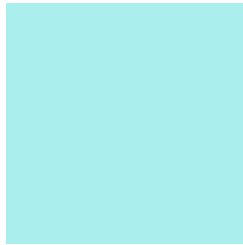
19.6715, 10.1410, 0.9208



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 62.5847, 75.8682, 92.2344 looks on a white background.

Color Contrast Check

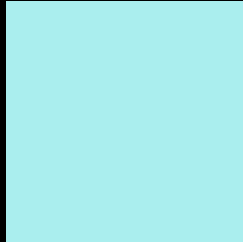
Large Text (above 18pt) WCAG AA × Fail

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 62.5847, 75.8682, 92.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

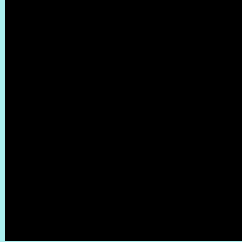
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5847, 75.8682, 92.2344

Background



This preview shows how black text looks on a background with the XYZ color 62.5847, 75.8682, 92.2344.

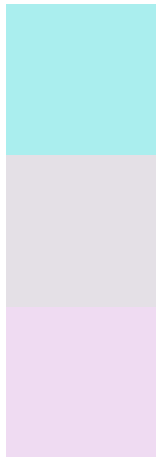


This preview shows how white text looks on a background with the XYZ color 62.5847, 75.8682,

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

62.5847, 75.8682, 92.2344

Protanopia

72.9335, 75.5185, 85.5954

Deuteranopia

76.9551, 75.4246, 94.5068



Tritanopia

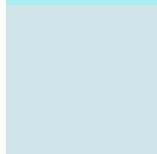
65.0533, 75.5711, 104.9239

Trichromacy



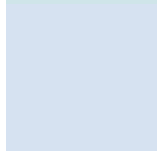
Original Color

62.5847, 75.8682, 92.2344



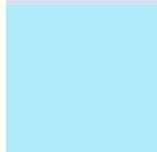
Protanomaly

68.4594, 75.1872, 87.9952



Deuteranomaly

70.8051, 75.0397, 93.9714



Tritanomaly

64.1723, 75.6525, 100.0271

Monochromacy



Original Color

62.5847, 75.8682, 92.2344



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.6032, 71.7042, 81.6695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5847, 75.8682, 92.2344 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(170, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 238)  
}
```

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(170, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.5847, 75.8682, 92.2344 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(170, 238, 238) }
```


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

```
.border{ border-color:rgb(170, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 238, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 238, 238); box-shadow:4px 4px 4px 4px rgb(170, 238, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5847, 75.8682, 92.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 238) }
```

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

```
.background{ background-color: rgb(170,  
238, 238) }
```

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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