

Converting Colors

XYZ(62.3654, 74.5828, 84.7814)

Have a look what the booklet for
XYZ(62.3654, 74.5828, 84.7814)
contains.

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Color

**XYZ(62.3023, 74.6018,
84.5147)**

Conversions

Conversions Part 1

Format	Color
Hex	B3EBE4
RGB	179, 235, 228
RGB Percent	70%, 92%, 89%
CMY	0.2980, 0.0784, 0.1059
CMYK	0.24, 0.00, 0.03, 0.08
HSL	172°, 58%, 81%
HSV	172°, 24%, 92%
XYZ	62.3023, 74.6018, 84.5147
YIQ	217.4580, -31.1290, -14.0490

Conversions

Conversions Part 2

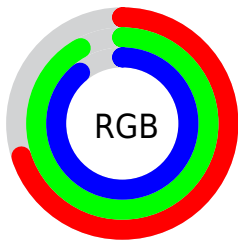
Format	Color
R_{YB}	179, 209, 235
Decimal	11791332
CIE _{Lab}	89.21, -19.14, -2.41
CIE _{LCh}	89, 19.291, 187.188
Yxy	74.6018, 0.2814, 0.3369
Android (android.graphics.Color)	4289981412 (0xFFB3EBE4)
YUV	217.4580, 5.1972, -33.7277
Hunter-Lab	86.3723, -22.3955, 2.4458

Details

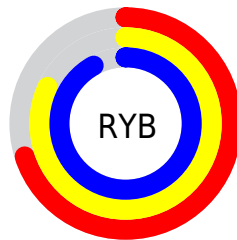
The XYZ color **62.3023, 74.6018, 84.5147** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.2466, 53.4495, 53.6515**, and the grayscale version is **66.2500, 69.7002, 75.9035**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **32.1204, 39.6173, 45.4891** is the 20% darker color. If you saturate the color by 10%, you get **56.9230, 71.8773, 82.1528**, and if you desaturate by 10%, it is **68.6185, 77.8123, 86.9599**.

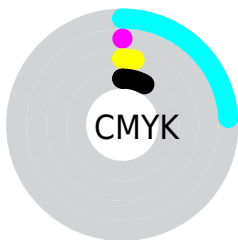
Distribution



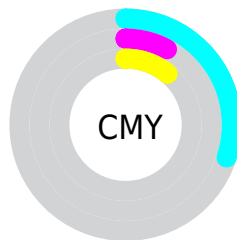
- Red (70%)
- Green (92%)
- Blue (89%)



- Red (70%)
- Yellow (82%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)





- Cyan (30%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3023, 74.6018, 84.5147 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 62.3023, 74.6018, 84.5147 by changing the saturation by 10% instead.


 62.3023, 74.6018,
84.5147

 62.3023, 74.6018,
84.5147


422.7329,
476.5478, 530.1235

 45.5335, 55.2867,
62.8926


 107.2498,
125.7485, 141.5631

 32.0809, 39.6313,
45.3139


136.1592,
158.3490, 177.8265

 21.5792, 27.2512,
31.3600


169.8463,
196.1467, 219.8074

 13.6629, 17.7620,
20.6124

208.6763,
239.5260, 267.9243

 7.9667, 10.7792,
12.6525

253.0146,
288.8714, 322.5959

 4.1253, 5.9186,
7.0618

303.2266,

 1.7732, 2.7956,

344.5673, 384.2406

3.4217

359.6776,
406.9979, 453.2769

■ 0.5015, 1.0260,
1.3138

■ 0.0000, 0.0000,
0.0731

■ 62.3023, 74.6018,
84.5147

■ 62.3023, 74.6018,
84.5147

■ 56.9230, 71.8773,
82.1528

■ 68.6185, 77.8123,
86.9599

■ 52.4271, 69.6056,
79.8666


■ 75.9086, 81.5222,
89.4854


■ 48.7658, 67.7632,
77.6554


■ 84.2159, 85.7555,
92.0951

■ 45.8826, 66.3213,
75.5163


■ 86.6417, 86.9561,
94.4662


 43.7145, 65.2471,
73.4461


 87.0813, 87.1320,
96.7813

 42.1879, 64.5030,
71.4412


 87.5281, 87.3107,
99.1338

 41.2139, 64.0428,
69.4973

 87.9819, 87.4922,
101.5239

 40.8038, 63.8570,
68.3244

 88.4430, 87.6767,
103.9517

 88.9112, 87.8639,
106.4174

Harmonies

Analogous

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



62.8882, 74.6018, 71.5893



62.3023, 74.6018, 84.5147



63.9392, 74.6018, 97.9217

Triad

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



62.3023, 74.6018, 84.5147



76.5182, 74.6018, 103.6737



74.4734, 74.6018, 59.6050

Complementary

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



62.3023, 74.6018, 84.5147



59.2466, 53.4495, 53.6515

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.



78.3630, 74.6018, 66.5495



62.3023, 74.6018, 84.5147



79.5795, 74.6018, 91.6967

Square

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



62.3023, 74.6018, 84.5147



72.0451, 74.6018, 109.7497



80.2691, 74.6018, 78.0290



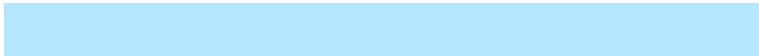
69.7805, 74.6018, 58.1338

Rectangle

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



62.3023, 74.6018, 84.5147



66.1153, 74.6018, 105.0148



80.2691, 74.6018, 78.0290



75.9243, 74.6018, 61.3363

Sweetspot

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



62.3044, 74.6048, 84.5164



88.4278, 96.6274, 106.7251



58.2105, 73.1721, 53.7047



18.8110, 20.6231, 22.8039



0.0000, 0.0000, 0.0000



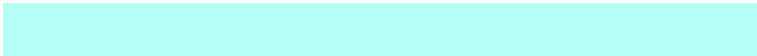
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3044, 74.6048, 84.5164



71.4244, 87.9884, 100.2089



57.7528, 63.9141, 87.8935



15.4319, 17.0876, 18.9571



22.7410, 35.5509, 38.1965



1.8085, 2.8007, 3.1191

Inverse Universe

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



59.2466, 53.4495, 53.6515



67.1008, 58.0588, 56.5556



62.9465, 62.0119, 51.3010



15.1421, 15.0847, 16.0336



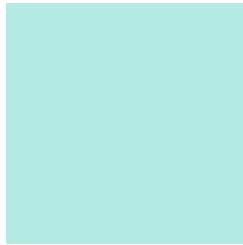
19.2189, 9.8902, 1.6879



1.5340, 0.7866, 0.2633

Previews

White Background



This preview shows how the XYZ color 62.3023, 74.6018, 84.5147 looks on a white background.

Color Contrast Check

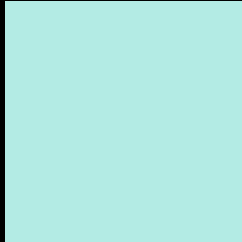
Large Text (above 18pt) WCAG AA × Fail

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 62.3023, 74.6018, 84.5147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

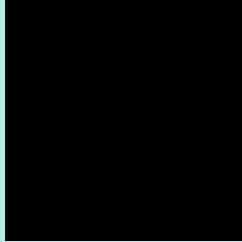
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

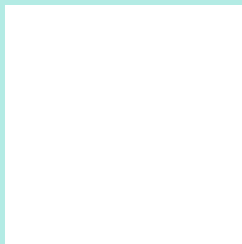
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3023, 74.6018, 84.5147

Background



This preview shows how black text looks on a background with the XYZ color 62.3023, 74.6018, 84.5147.

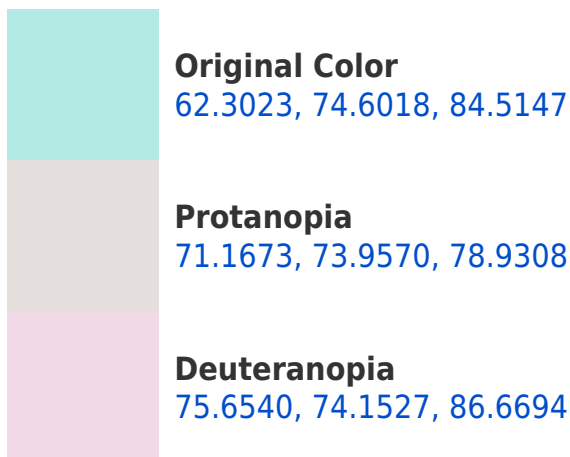


This preview shows how white text looks on a background with the XYZ color 62.3023, 74.6018,

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

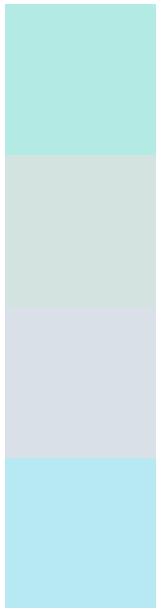




Tritanopia

65.8791, 74.8057, 101.4092

Trichromacy



Original Color

62.3023, 74.6018, 84.5147

Protanomaly

67.5020, 74.0216, 81.2509

Deuteranomaly

69.9929, 73.9863, 86.1931

Tritanomaly

64.4573, 74.6337, 95.0129

Monochromacy



Original Color

62.3023, 74.6018, 84.5147

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.3354, 71.2283, 78.7642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3023, 74.6018, 84.5147 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(179, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(179, 235, 228)  
}
```

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(179, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 235, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.3023, 74.6018, 84.5147 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(179, 235, 228) }
```


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

```
.border{ border-color:rgb(179, 235, 228) }
```

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

Here you see how a box with a 4 pixel rgb(179, 235, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(179, 235,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3023, 74.6018, 84.5147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 235, 228) }
```

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

```
.background{ background-color: rgb(179,  
235, 228) }
```

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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