

Converting Colors

XYZ(62.8274, 74.1641, 88.0615)

Have a look what the booklet for
XYZ(62.8274, 74.1641, 88.0615)
contains.

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Color

**XYZ(62.9532, 74.4321,
88.1396)**

Conversions

Conversions Part 1

Format	Color
Hex	B4EAE9
RGB	180, 234, 233
RGB Percent	71%, 92%, 91%
CMY	0.2941, 0.0823, 0.0863
CMYK	0.23, 0.00, 0.00, 0.08
HSL	179°, 56%, 81%
HSV	179°, 23%, 92%
XYZ	62.9532, 74.4321, 88.1396
YIQ	217.7400, -31.8630, -11.7590

Conversions

Conversions Part 2

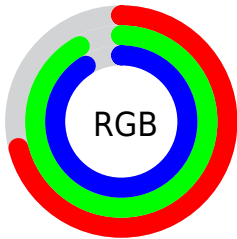
Format	Color
R _Y B	180, 207, 234
Decimal	11856617
CIE Lab	89.13, -17.29, -5.14
CIE LCh	89, 18.037, 196.566
Yxy	74.4321, 0.2791, 0.3300
Android (android.graphics.Color)	4290046697 (0xFFB4EAE9)
YUV	217.7400, 7.5232, -33.0980
Hunter-Lab	86.2740, -20.7301, -0.1802

Details

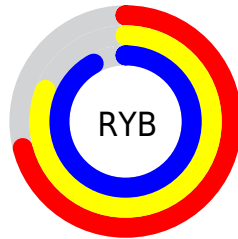
The XYZ color **62.9532, 74.4321, 88.1396** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5961, 53.4733, 50.9522**, and the grayscale version is **66.4288, 69.8883, 76.1083**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **32.4604, 39.4507, 47.4989** is the 20% darker color. If you saturate the color by 10%, you get **57.8975, 71.8348, 87.5809**, and if you desaturate by 10%, it is **68.9331, 77.5096, 88.7456**.

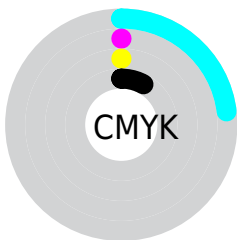
Distribution



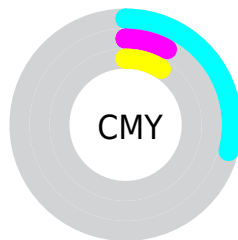
- Red (71%)
- Green (92%)
- Blue (91%)



- Red (71%)
- Yellow (81%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9532, 74.4321, 88.1396 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 62.9532, 74.4321, 88.1396 by changing the saturation by 10% instead.

62.9532, 74.4321,
88.1396

62.9532, 74.4321,
88.1396

425.0620,
475.9634, 542.3734

46.0619, 55.1478,
65.8737

108.1842,
125.5081, 146.6643

32.4995, 39.5200,
47.7140

137.2545,
158.0687, 183.7603

21.9007, 27.1645,
33.2421

171.1153,
195.8233, 226.6366

13.9001, 17.6968,
22.0393

210.1317,
239.1566, 275.7119

8.1325, 10.7325,
13.6872

254.6693,
288.4529, 331.4047

4.2324, 5.8873,
7.7672

305.0932,

1.8344, 2.7767,

344.0965, 394.1335

3.8607

361.7690,
406.4718, 464.3169

■ 0.5383, 1.0163,
1.5492

■ 0.0000, 0.0000,
0.2542

■ 62.9532, 74.4321,
88.1396

■ 62.9532, 74.4321,
88.1396

■ 57.8975, 71.8348,
87.5809

■ 68.9331, 77.5096,
88.7456

■ 53.7132, 69.6849,
87.0621

■ 75.8735, 81.0803,
89.3957

■ 50.3524, 67.9595,
86.5827

■ 83.8169, 85.1680,
90.0936

■ 47.7599, 66.6301,
86.1400

■ 85.6220, 86.0913,
90.5050

45.8736, 65.6648,
85.7312

85.6847, 86.1165,
90.8356

44.6220, 65.0267,
85.3529

85.7477, 86.1416,
91.1671

43.9184, 64.6710,
85.0010

85.8108, 86.1669,
91.4994

43.6591, 64.5422,
84.7685

85.8740, 86.1922,
91.8325

85.9375, 86.2175,
92.1664

Harmonies

Analogous

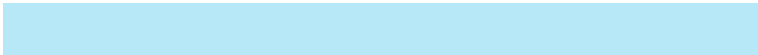
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.8427, 74.4321, 75.5518



62.9532, 74.4321, 88.1396



65.0948, 74.4321, 99.9130

Triad

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



62.9532, 74.4321, 88.1396



77.0591, 74.4321, 98.8420



72.7264, 74.4321, 59.7159

Complementary

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



62.9532, 74.4321, 88.1396



58.5961, 53.4733, 50.9522

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.



76.7140, 74.4321, 64.7139



62.9532, 74.4321, 88.1396



79.2845, 74.4321, 86.7959

Square

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



62.9532, 74.4321, 88.1396



73.1815, 74.4321, 106.5161



79.1556, 74.4321, 74.3396



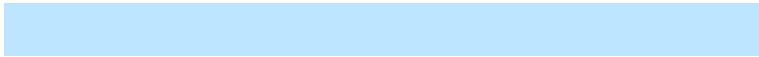
68.3641, 74.4321, 59.9955

Rectangle

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



62.9532, 74.4321, 88.1396



67.4387, 74.4321, 105.3310



79.1556, 74.4321, 74.3396



74.1587, 74.4321, 60.8104

Sweetspot

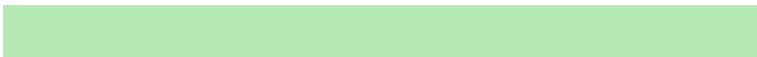
The Sweet Spot groups the original color and five complimentary colors.



62.9554, 74.4351, 88.1413



88.7318, 96.7490, 108.3259



56.9075, 72.0647, 54.0921



18.8816, 20.6514, 23.1759



0.0000, 0.0000, 0.0000



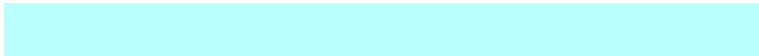
20.3446, 21.4041, 23.3091

Same Dimension

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



62.9554, 74.4351, 88.1413



73.2687, 88.7959, 106.7700



56.4273, 61.1491, 86.6742



15.5049, 17.1168, 19.3416



24.5386, 36.2699, 47.6626



1.9307, 2.8496, 3.7631

Inverse Universe

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



58.5961, 53.4733, 50.9522



67.0467, 58.8747, 53.6882



64.0517, 64.5487, 52.2648



15.0768, 15.0586, 15.6899



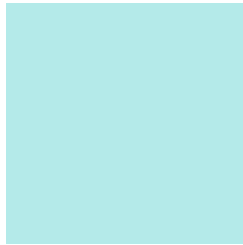
19.0862, 9.8372, 0.9894



1.5027, 0.7741, 0.0988

Previews

White Background



This preview shows how the XYZ color 62.9532, 74.4321, 88.1396 looks on a white background.

Color Contrast Check

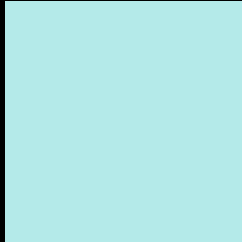
Large Text (above 18pt) WCAG AA × Fail

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 62.9532, 74.4321, 88.1396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

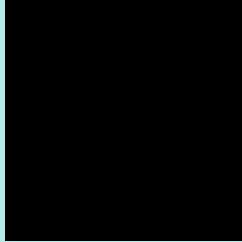
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9532, 74.4321, 88.1396

Background



This preview shows how black text looks on a background with the XYZ color 62.9532, 74.4321, 88.1396.



This preview shows how white text looks on a background with the XYZ color 62.9532, 74.4321,

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

62.9532, 74.4321, 88.1396

Protanopia

71.2128, 73.9023, 82.4628

Deuteranopia

75.6955, 74.0909, 90.4321



Tritanopia

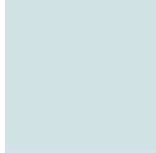
65.5984, 74.2443, 101.3157

Trichromacy



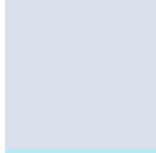
Original Color

62.9532, 74.4321, 88.1396



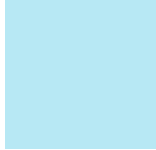
Protanomaly

67.6337, 73.6052, 84.7713



Deuteranomaly

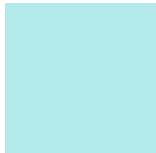
70.4414, 73.7369, 89.8769



Tritanomaly

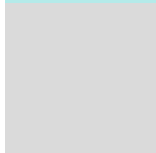
64.7142, 74.3122, 96.5208

Monochromacy



Original Color

62.9532, 74.4321, 88.1396



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.8768, 71.4764, 80.1890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9532, 74.4321, 88.1396 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(180, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(180, 234, 233)  
}
```

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(180, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 234, 233) }
```

Border

The CSS property to change the border of an element to XYZ 62.9532, 74.4321, 88.1396 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(180, 234, 233) }
```


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

```
.border{ border-color:rgb(180, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(180, 234,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9532, 74.4321, 88.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 234, 233) }
```

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

```
.background{ background-color: rgb(180,  
234, 233) }
```

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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