

Converting Colors

XYZ(60.4484, 70.1178, 74.6381)

Have a look what the booklet for
XYZ(60.4484, 70.1178, 74.6381)
contains.

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Color

**XYZ(60.4484, 70.1178,
74.6381)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE2D7
RGB	189, 226, 215
RGB Percent	74%, 89%, 84%
CMY	0.2588, 0.1137, 0.1569
CMYK	0.16, 0.00, 0.05, 0.11
HSL	162°, 39%, 81%
HSV	162°, 16%, 89%
XYZ	60.4484, 70.1178, 74.6381
YIQ	213.6830, -18.5210, -11.2650

Conversions

Conversions Part 2

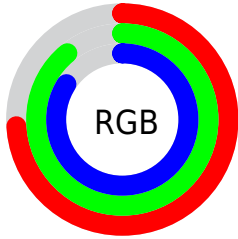
Format	Color
RYB	189, 211, 226
Decimal	12444375
CIELab	87.05, -14.22, 1.34
CIELCh	87, 14.280, 174.635
Yxy	70.1178, 0.2946, 0.3417
Android (android.graphics.Color)	4290634455 (0xFFBDE2D7)
YUV	213.6830, 0.6493, -21.6470
Hunter-Lab	83.7364, -17.6814, 5.7675

Details

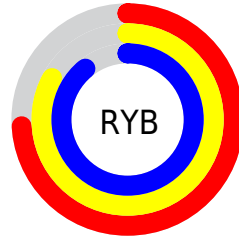
The XYZ color **60.4484, 70.1178, 74.6381** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.9895, 56.7360, 62.4361**, and the grayscale version is **63.7098, 67.0277, 72.9931**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.8997, 36.8148, 38.7351** is the 20% darker color. If you saturate the color by 10%, you get **54.4277, 67.1136, 69.9416**, and if you desaturate by 10%, it is **67.3822, 73.5923, 79.5654**.

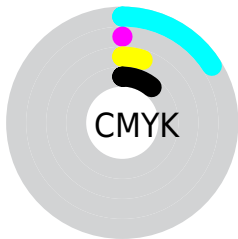
Distribution



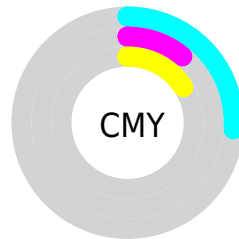
- Red (74%)
- Green (89%)
- Blue (84%)



- Red (74%)
- Yellow (83%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (26%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4484, 70.1178, 74.6381 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 60.4484, 70.1178, 74.6381 by changing the saturation by 10% instead.

60.4484, 70.1178,
74.6381

60.4484, 70.1178,
74.6381

416.0569,
460.9635, 495.8949

44.0310, 51.6226,
54.8165

104.5825,
119.3767, 127.5423

30.8929, 36.7043,
38.8572

133.0299,
150.9092, 161.4620

20.6687, 24.9786,
26.3417

166.2180,
187.5563, 200.9182

12.9932, 16.0611,
16.8514

204.5123,
229.7023, 246.3294

7.5008, 9.5674,
9.9678

248.2779,
277.7316, 298.1141

3.8263, 5.1131,
5.2723

297.8803,

1.6043, 2.3138,

332.0286, 356.6909

2.3464

353.6848,
392.9778, 422.4784

■ 0.3952, 0.7810,
0.7570

■ 0.0000, 0.0000,
0.0000

■ 60.4484, 70.1178,
74.6381

■ 60.4484, 70.1178,
74.6381

■ 54.4277, 67.1136,
69.9416

■ 67.3822, 73.5923,
79.5654

■ 49.2733, 64.5501,
65.4673

■ 75.2612, 77.5481,
84.7229

■ 44.9432, 62.4076,
61.2123

■ 83.4566, 81.6628,
90.0847

■ 41.3897, 60.6615,
57.1721

■ 84.4471, 82.0591,
95.3008

■ 38.5596, 59.2844,
53.3419

■ 85.4748, 82.4701,
100.7123

■ 36.3933, 58.2455,
49.7167

■ 86.4876, 82.8752,
106.0459

■ 34.8207, 57.5090,
46.2906

■ 33.7543, 57.0298,
43.0572

■ 33.4383, 56.8915,
41.9288

Harmonies

Analogous

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



61.5398, 70.1178, 66.1804



60.4484, 70.1178, 74.6381



60.9717, 70.1178, 84.2789

Triad

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



60.4484, 70.1178, 74.6381



69.3600, 70.1178, 94.3302



70.4345, 70.1178, 62.2980

Complementary

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



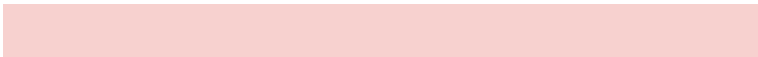
60.4484, 70.1178, 74.6381



59.9895, 56.7360, 62.4361

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.



72.6595, 70.1178, 68.9278



60.4484, 70.1178, 74.6381



72.0247, 70.1178, 87.5034

Square

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



60.4484, 70.1178, 74.6381



66.0457, 70.1178, 96.1784



73.2509, 70.1178, 78.0805



67.2477, 70.1178, 59.4471

Rectangle

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



60.4484, 70.1178, 74.6381



62.1751, 70.1178, 90.0229



73.2509, 70.1178, 78.0805



71.3239, 70.1178, 64.1303

Sweetspot

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



60.4504, 70.1207, 74.6397



89.9093, 97.4197, 105.5045



60.2301, 70.3630, 58.5523



19.0951, 20.7770, 22.4815



0.0000, 0.0000, 0.0000



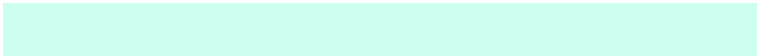
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4504, 70.1207, 74.6397



76.3655, 90.6388, 95.7795



59.9433, 66.7671, 81.6828



13.9338, 15.4993, 16.6868



19.1302, 32.4769, 24.2066



1.3648, 2.2666, 1.8822

Inverse Universe

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



59.9895, 56.7360, 62.4361



75.6408, 69.5689, 76.5734



60.3819, 59.5055, 56.4486



13.8741, 13.7673, 15.1072



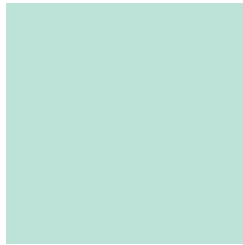
18.5203, 9.4751, 4.1395



1.3223, 0.6722, 0.4901

Previews

White Background



This preview shows how the XYZ color 60.4484, 70.1178, 74.6381 looks on a white background.

Color Contrast Check

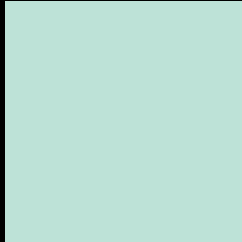
Large Text (above 18pt) WCAG AA × Fail

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 60.4484, 70.1178, 74.6381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

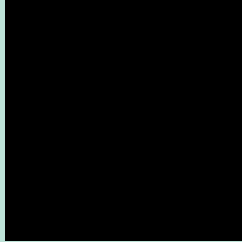
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

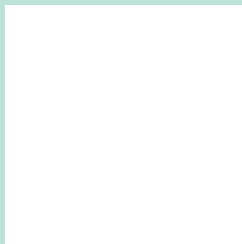
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4484, 70.1178, 74.6381

Background



This preview shows how black text looks on a background with the XYZ color 60.4484, 70.1178, 74.6381.



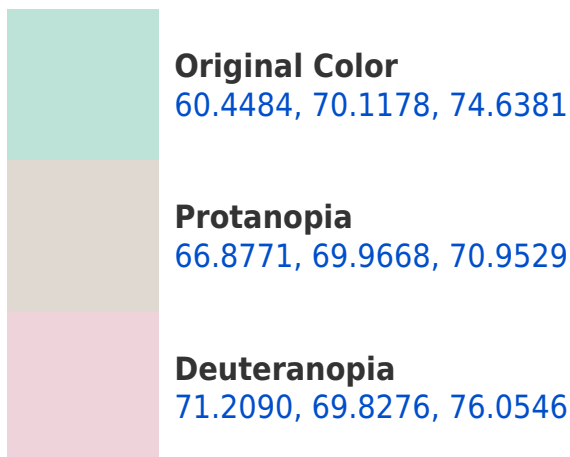
This preview shows how white text looks on a background with the XYZ color 60.4484, 70.1178,

74.6381.

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

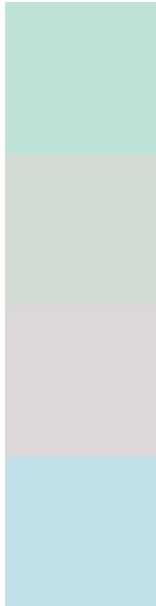




Tritanopia

64.0976, 70.0032, 92.5717

Trichromacy



Original Color

60.4484, 70.1178, 74.6381

Protanomaly

64.3408, 69.7887, 72.3668

Deuteranomaly

66.5955, 69.3371, 75.5191

Tritanomaly

62.5497, 69.7513, 85.7679

Monochromacy



Original Color

60.4484, 70.1178, 74.6381

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.3858, 67.9770, 73.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4484, 70.1178, 74.6381 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(189, 226, 215)` looks like.

```
.text, #text, p{  
    color:rgb(189, 226, 215)  
}
```

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(189, 226, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 226, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.4484, 70.1178, 74.6381 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(189, 226, 215) }
```


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

```
.border{ border-color:rgb(189, 226, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 226, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 226, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 226, 215);  
box-shadow:4px 4px 4px 4px rgb(189, 226,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4484, 70.1178, 74.6381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 226, 215) }
```

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

```
.background{ background-color: rgb(189,  
226, 215) }
```

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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