

Converting Colors

XYZ(63.1101, 74.1919, 74.6043)

Have a look what the booklet for
XYZ(63.1101, 74.1919, 74.6043)
contains.

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Color

**XYZ(63.2688, 74.4703,
74.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E9D6
RGB	193, 233, 214
RGB Percent	76%, 91%, 84%
CMY	0.2431, 0.0863, 0.1608
CMYK	0.17, 0.00, 0.08, 0.09
HSL	151°, 48%, 84%
HSV	151°, 17%, 91%
XYZ	63.2688, 74.4703, 74.6579
YIQ	218.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

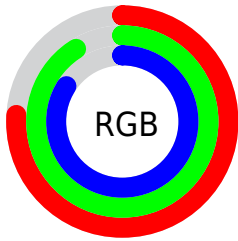
Format	Color
RYB	193, 219, 233
Decimal	12708310
CIELab	89.14, -16.64, 4.92
CIELCh	89, 17.351, 163.519
Yxy	74.4703, 0.2979, 0.3506
Android (android.graphics.Color)	4290898390 (0xFFC1E9D6)
YUV	218.8740, -2.4029, -22.6915
Hunter-Lab	86.2962, -20.1495, 9.1134

Details

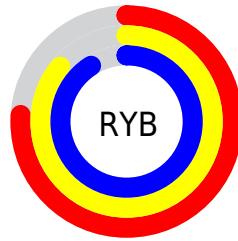
The XYZ color **63.2688, 74.4703, 74.6579** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.5605, 60.2189, 70.5113**, and the grayscale version is **67.2712, 70.7746, 77.0735**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **32.6276, 39.4365, 38.6932** is the 20% darker color. If you saturate the color by 10%, you get **56.4249, 71.1020, 67.2082**, and if you desaturate by 10%, it is **71.1488, 78.3657, 82.6607**.

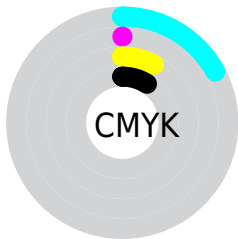
Distribution



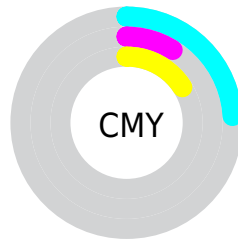
- Red (76%)
- Green (91%)
- Blue (84%)



- Red (76%)
- Yellow (86%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2688, 74.4703, 74.6579 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 63.2688, 74.4703, 74.6579 by changing the saturation by 10% instead.

63.2688, 74.4703,
74.6579

63.2688, 74.4703,
74.6579

426.1885,
476.0949, 495.9649

46.3182, 55.1790,
54.8326

108.6369,
125.5623, 127.5706

32.7026, 39.5451,
38.8700

137.7850,
158.1318, 161.4952

22.0569, 27.1840,
26.3516

171.7296,
195.8961, 200.9565

14.0155, 17.7115,
16.8587

210.8362,
239.2398, 246.3733

8.2133, 10.7431,
9.9729

255.4700,
288.5471, 298.1640

4.2847, 5.8943,
5.2756

305.9964,

1.8644, 2.7809,

344.2025, 356.7471

2.3483

362.7808,
406.5903, 422.5412

■ 0.5560, 1.0185,
0.7581

■ 0.0000, 0.0000,
0.0000

■ 63.2688, 74.4703,
74.6579

■ 63.2688, 74.4703,
74.6579

■ 56.4249, 71.1020,
67.2082

■ 71.1488, 78.3657,
82.6607

■ 50.5651, 68.2282,
60.2947

■ 80.1013, 82.8006,
91.2232

■ 45.6426, 65.8268,
53.9064

■ 87.2009, 86.2689,
100.2195

■ 41.6036, 63.8705,
48.0304

■ 88.4303, 86.7606,
106.6934

■ 38.3890, 62.3290,
42.6530

■ 35.9318, 61.1680,
37.7597

■ 34.1538, 60.3475,
33.3352

■ 32.9535, 59.8154,
29.3625

■ 32.6729, 59.6936,
28.3158

Harmonies

Analogous

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



65.3300, 74.4703, 65.3467



63.2688, 74.4703, 74.6579



63.1679, 74.4703, 86.6509

Triad

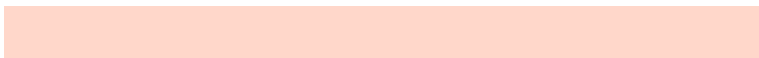
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2688, 74.4703, 74.6579



72.6993, 74.4703, 105.8953



76.8422, 74.4703, 66.0865

Complementary

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



63.2688, 74.4703, 74.6579



64.5605, 60.2189, 70.5113

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.



78.9841, 74.4703, 75.7636



63.2688, 74.4703, 74.6579



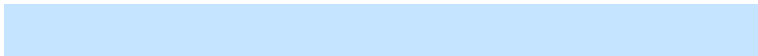
76.5287, 74.4703, 99.1679

Square

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



63.2688, 74.4703, 74.6579



68.5004, 74.4703, 105.5236



78.8672, 74.4703, 87.8718



73.1133, 74.4703, 60.7457

Rectangle

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



63.2688, 74.4703, 74.6579



64.2181, 74.4703, 94.6341



78.8672, 74.4703, 87.8718



77.7782, 74.4703, 68.8960

Sweetspot

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



63.2709, 74.4734, 74.6596



89.5538, 97.2775, 103.6325



66.0147, 76.1781, 61.6776



19.0087, 20.7424, 22.0262



0.0000, 0.0000, 0.0000



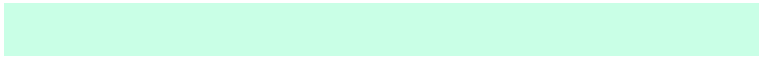
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2709, 74.4734, 74.6596



74.1900, 89.6885, 87.9419



65.6533, 75.1250, 88.1347



15.1987, 16.9943, 17.7290



18.6016, 33.8951, 16.3989



1.5093, 2.6810, 1.5436

Inverse Universe

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



64.5605, 60.2189, 70.5113



76.0814, 68.7833, 81.8590



62.4498, 59.6109, 58.6677



15.3634, 15.1732, 17.1990



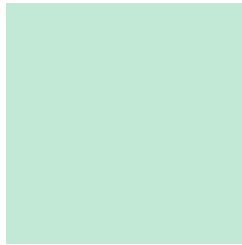
20.7478, 10.5018, 9.7390



1.6775, 0.8440, 1.0192

Previews

White Background



This preview shows how the XYZ color 63.2688, 74.4703, 74.6579 looks on a white background.

Color Contrast Check

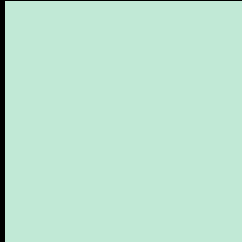
Large Text (above 18pt) WCAG AA × Fail

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 63.2688, 74.4703, 74.6579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

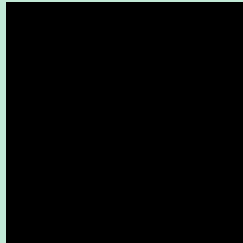
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

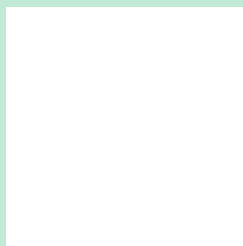
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2688, 74.4703, 74.6579

Background



This preview shows how black text looks on a background with the XYZ color 63.2688, 74.4703, 74.6579.



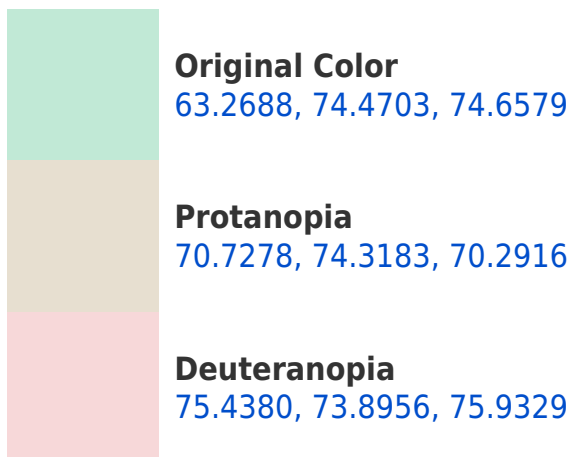
This preview shows how white text looks on a background with the XYZ color 63.2688, 74.4703,

74.6579.

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

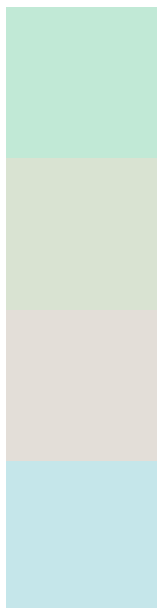




Tritanopia

67.9311, 74.2827, 97.9464

Trichromacy



Original Color

63.2688, 74.4703, 74.6579

Protanomaly

67.7172, 74.3430, 71.7533

Deuteranomaly

70.1945, 73.5313, 75.4591

Tritanomaly

66.1741, 74.4045, 88.7157

Monochromacy



Original Color

63.2688, 74.4703, 74.6579

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.7584, 72.0227, 76.0816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2688, 74.4703, 74.6579 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(193, 233, 214)` looks like.

```
.text, #text, p{  
    color:rgb(193, 233, 214)  
}
```

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(193, 233, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 233, 214) }
```

Border

The CSS property to change the border of an element to XYZ 63.2688, 74.4703, 74.6579 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(193, 233, 214) }
```


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

```
.border{ border-color:rgb(193, 233, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 233, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 233, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 233, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 233,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2688, 74.4703, 74.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 233, 214) }
```

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

```
.background{ background-color: rgb(193,  
233, 214) }
```

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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