

Converting Colors

XYZ(64.1425, 76.4067, 73.1218)

Have a look what the booklet for
XYZ(64.1425, 76.4067, 73.1218)
contains.

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Color

**XYZ(64.0015, 76.1634,
72.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	C2ECD3
RGB	194, 236, 211
RGB Percent	76%, 93%, 83%
CMY	0.2392, 0.0745, 0.1725
CMYK	0.18, 0.00, 0.11, 0.07
HSL	144°, 53%, 84%
HSV	144°, 18%, 93%
XYZ	64.0015, 76.1634, 72.9558
YIQ	220.5920, -17.0070, -16.6790

Conversions

Conversions Part 2

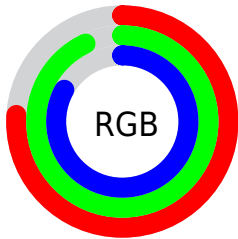
Format	Color
RYB	194, 224, 236
Decimal	12774611
CIELab	89.94, -18.37, 7.64
CIELCh	90, 19.893, 157.425
Yxy	76.1634, 0.3003, 0.3574
Android (android.graphics.Color)	4290964691 (0xFFC2ECD3)
YUV	220.5920, -4.7289, -23.3212
Hunter-Lab	87.2716, -21.8207, 11.5260

Details

The XYZ color **64.0015, 76.1634, 72.9558** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.6728, 61.5329, 75.3843**, and the grayscale version is **68.4836, 72.0501, 78.4625**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **33.1372, 40.6183, 37.5461** is the 20% darker color. If you saturate the color by 10%, you get **56.7340, 72.6137, 63.8208**, and if you desaturate by 10%, it is **72.3891, 80.2770, 82.9500**.

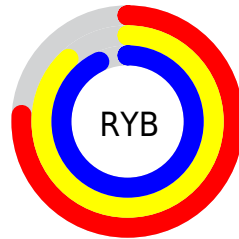
Distribution



Red (76%)

Green (93%)

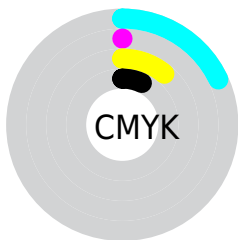
Blue (83%)



Red (76%)

Yellow (88%)

Blue (93%)

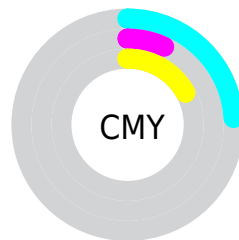


Cyan (18%)

Magenta (0%)

Yellow (11%)

Black (7%)



Cyan (24%)

Magenta (7%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0015, 76.1634, 72.9558 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 64.0015, 76.1634, 72.9558 by changing the saturation by 10% instead.

■ 64.0015, 76.1634,
72.9558

■ 64.0015, 76.1634,
72.9558

428.7972,
481.9069, 489.9283

■ 46.9136, 56.5665,
53.4482

■ 109.6868,
127.9579, 125.1348

■ 33.1750, 40.6573,
37.7705

139.0149,
160.9242, 158.6433

■ 22.4204, 28.0514,
25.5042

173.1538,
199.1158, 197.6558

■ 14.2845, 18.3644,
16.2307

212.4688,
242.9171, 242.5910

■ 8.4018, 11.2119,
9.5314

257.3253,
292.7125, 293.8673

■ 4.4071, 6.2096,
4.9879

308.0886,

■ 1.9349, 2.9729,

348.8863, 351.9032

2.1815

365.1241,
411.8230, 417.1174

■ 0.5970, 1.1176,
0.6637

■ 0.0000, 0.0000,
0.0000

■ 64.0015, 76.1634,
72.9558

■ 64.0015, 76.1634,
72.9558

■ 56.7340, 72.6137,
63.8208

■ 72.3891, 80.2770,
82.9500

■ 50.5311, 69.5934,
55.5172

■ 81.9365, 84.9681,
93.8201

■ 45.3419, 67.0787,
48.0229

■ 88.9901, 88.3551,
105.4159

■ 41.1085, 65.0404,
41.3129

■ 89.2869, 88.4738,
106.9790

■ 37.7671, 63.4462,
35.3610

■ 35.2456, 62.2592,
30.1393

■ 33.4595, 61.4367,
25.6179

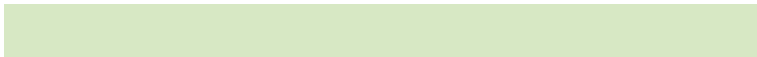
■ 32.2956, 60.9208,
21.7642

■ 32.0861, 60.8295,
21.0006

Harmonies

Analogous

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



66.7921, 76.1634, 63.2181



64.0015, 76.1634, 72.9558



63.4086, 76.1634, 86.4800

Triad

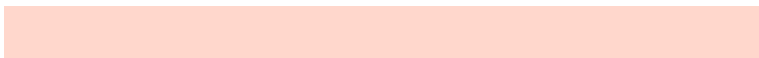
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.0015, 76.1634, 72.9558



73.6206, 76.1634, 112.8043



80.1676, 76.1634, 67.5280

Complementary

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



64.0015, 76.1634, 72.9558



66.6728, 61.5329, 75.3843

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.



82.1840, 76.1634, 79.4765



64.0015, 76.1634, 72.9558



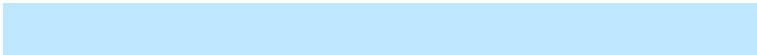
78.2944, 76.1634, 106.3623

Square

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



64.0015, 76.1634, 72.9558



68.8193, 76.1634, 110.5495



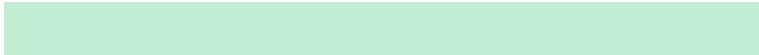
81.4834, 76.1634, 93.7720



76.0842, 76.1634, 60.3409

Rectangle

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



64.0015, 76.1634, 72.9558



64.3137, 76.1634, 96.0456



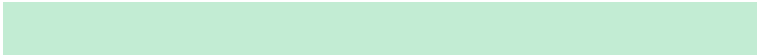
81.4834, 76.1634, 93.7720



81.1179, 76.1634, 71.0645

Sweetspot

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



64.0036, 76.1666, 72.9575



89.3157, 97.1823, 102.3786



69.0095, 78.9806, 62.6476



18.9508, 20.7193, 21.7216



0.0000, 0.0000, 0.0000



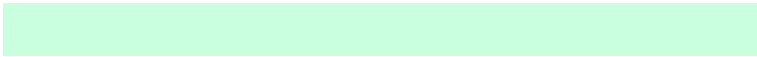
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0036, 76.1666, 72.9575



73.3045, 89.3343, 83.2789



66.7833, 77.2785, 87.5949



15.1210, 16.9632, 17.3199



17.7458, 33.5528, 11.8925



1.4400, 2.6533, 1.1789

Inverse Universe

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



66.6728, 61.5329, 75.3843



76.9864, 69.1453, 86.6244



64.1023, 60.5047, 61.8485



15.4418, 15.2046, 17.6119



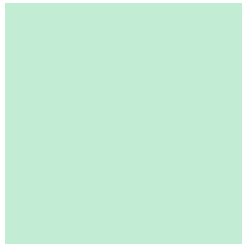
21.7625, 10.9077, 15.0826



1.7563, 0.8755, 1.4341

Previews

White Background



This preview shows how the XYZ color 64.0015, 76.1634, 72.9558 looks on a white background.

Color Contrast Check

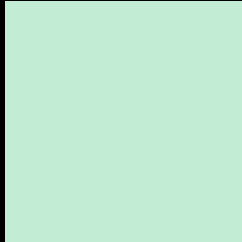
Large Text (above 18pt) WCAG AA × Fail

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 64.0015, 76.1634, 72.9558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

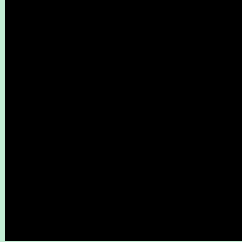
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

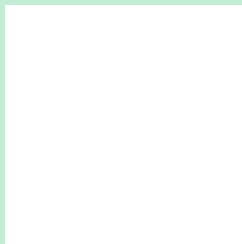
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0015, 76.1634, 72.9558

Background



This preview shows how black text looks on a background with the XYZ color 64.0015, 76.1634, 72.9558.



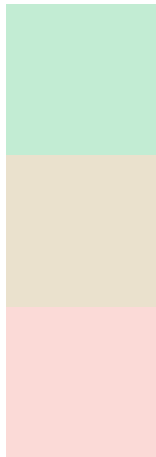
This preview shows how white text looks on a background with the XYZ color 64.0015, 76.1634,

72.9558.

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

64.0015, 76.1634, 72.9558

Protanopia

71.8763, 75.7506, 68.5907

Deuteranopia

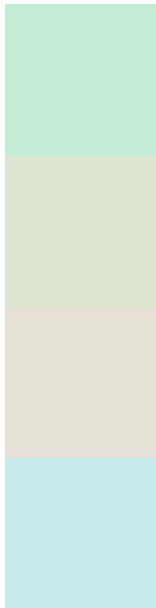
77.1208, 75.5583, 74.8095



Tritanopia

69.7622, 76.4089, 100.6941

Trichromacy



Original Color

64.0015, 76.1634, 72.9558

Protanomaly

68.4952, 75.6037, 70.0144

Deuteranomaly

71.6959, 75.5285, 74.4180

Tritanomaly

67.4230, 76.2818, 89.7675

Monochromacy



Original Color

64.0015, 76.1634, 72.9558

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

66.5847, 73.2514, 76.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0015, 76.1634, 72.9558 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(194, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(194, 236, 211)  
}
```

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(194, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 236, 211) }
```

Border

The CSS property to change the border of an element to XYZ 64.0015, 76.1634, 72.9558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

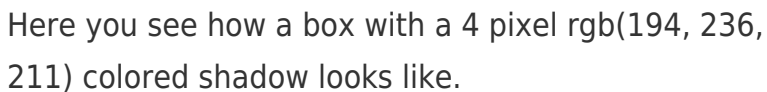
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 236, 211) }
```


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

```
.border{ border-color:rgb(194, 236, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 236, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 236, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 236, 211); box-shadow:4px 4px 4px 4px rgb(194, 236, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0015, 76.1634, 72.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 236, 211) }
```

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

```
.background{ background-color: rgb(194,  
236, 211) }
```

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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