

Converting Colors

XYZ(63.0094, 69.4192, 75.7239)

Have a look what the booklet for
XYZ(63.0094, 69.4192, 75.7239)
contains.

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Color

**XYZ(63.0094, 69.4192,
75.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDDD9
RGB	203, 221, 217
RGB Percent	80%, 87%, 85%
CMY	0.2039, 0.1333, 0.1490
CMYK	0.08, 0.00, 0.02, 0.13
HSL	167°, 21%, 83%
HSV	167°, 8%, 87%
XYZ	63.0094, 69.4192, 75.7239
YIQ	215.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

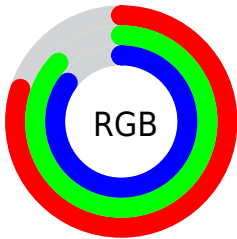
Format	Color
R_{YB}	203, 213, 221
Decimal	13360601
CIE Lab	86.71, -6.75, -0.11
CIE LCh	87, 6.749, 180.916
Yxy	69.4192, 0.3027, 0.3335
Android (android.graphics.Color)	4291550681 (0xFFCBDDD9)
YUV	215.1620, 0.9061, -10.6661
Hunter-Lab	83.3182, -10.8162, 4.4369

Details

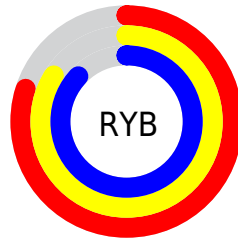
The XYZ color **63.0094, 69.4192, 75.7239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4397, 62.5907, 67.8250**, and the grayscale version is **64.7013, 68.0708, 74.1291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5522, 36.2706, 39.4677** is the 20% darker color. If you saturate the color by 10%, you get **56.7853, 66.2852, 72.1463**, and if you desaturate by 10%, it is **70.1145, 73.0090, 79.4450**.

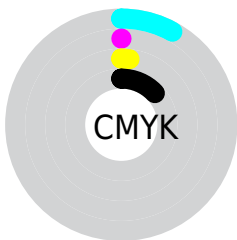
Distribution



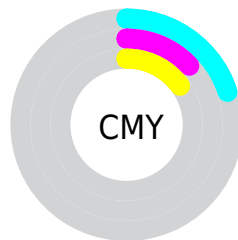
- Red (80%)
- Green (87%)
- Blue (85%)



- Red (80%)
- Yellow (84%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0094, 69.4192, 75.7239 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 63.0094, 69.4192, 75.7239 by changing the saturation by 10% instead.

■ 63.0094, 69.4192,
75.7239

■ 63.0094, 69.4192,
75.7239

425.2627,
458.5081, 499.7237

■ 46.1075, 51.0532,
55.7008

108.2648,
118.3801, 129.0931

■ 32.5356, 36.2509,
39.5607

137.3490,
149.7438, 163.2762

■ 21.9285, 24.6281,
26.8850

171.2247,
186.2089, 203.0165

■ 13.9207, 15.8002,
17.2552

210.2572,
228.1596, 248.7325

■ 8.1468, 9.3829,
10.2528

254.8119,
275.9806, 300.8426

■ 4.2416, 4.9917,
5.4591

305.2542,

■ 1.8397, 2.2424,

330.0560, 359.7655

2.4556

361.9493,
390.7704, 425.9197

■ 0.5414, 0.7430,
0.8165

■ 0.0000, 0.0000,
0.0000

■ 63.0094, 69.4192,
75.7239

■ 63.0094, 69.4192,
75.7239

■ 56.7853, 66.2852,
72.1463

■ 70.1145, 73.0090,
79.4450

■ 51.3999, 63.5796,
68.7050


■ 78.1288, 77.0633,
83.3075


■ 46.8164, 61.2851,
65.3989


■ 81.6271, 78.7873,
87.0597


■ 42.9929, 59.3803,
62.2252


■ 82.3342, 79.0702,
90.7831

 39.8834, 57.8415,
59.1809


 83.0610, 79.3609,
94.6102


 37.4372, 56.6425,
56.2626


 83.8076, 79.6595,
98.5417

 35.5964, 55.7535,
53.4667

 84.5741, 79.9661,
102.5784

 34.2931, 55.1395,
50.7892

 85.1478, 80.1956,
105.5993

 33.4297, 54.7503,
48.2245

Harmonies

Analogous

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



63.3787, 69.4192, 71.4621



63.0094, 69.4192, 75.7239



63.4257, 69.4192, 80.1134

Triad

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



63.0094, 69.4192, 75.7239



67.5434, 69.4192, 83.2451



67.4586, 69.4192, 68.2820

Complementary

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



63.0094, 69.4192, 75.7239



62.4397, 62.5907, 67.8250

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.



68.6038, 69.4192, 71.2319



63.0094, 69.4192, 75.7239



68.6533, 69.4192, 79.8650

Square

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



63.0094, 69.4192, 75.7239



66.0291, 69.4192, 84.5603



69.0443, 69.4192, 75.4477



65.9327, 69.4192, 67.2697

Rectangle

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



63.0094, 69.4192, 75.7239



64.0966, 69.4192, 82.4944



69.0443, 69.4192, 75.4477



67.9017, 69.4192, 69.0740

Sweetspot

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



63.0114, 69.4221, 75.7254



93.0164, 98.9727, 107.8545



62.4261, 69.3220, 66.5911



19.9307, 21.1950, 23.0964



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.



63.0114, 69.4221, 75.7254



85.3832, 95.1205, 103.7521



62.2890, 67.1338, 78.0853



13.3145, 14.7774, 16.1190



19.3823, 31.7855, 27.9763



1.2869, 2.0717, 1.9766

Inverse Universe

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



62.4397, 62.5907, 67.8250



84.4179, 83.5838, 90.4105



63.1077, 64.7003, 65.6631



13.1740, 13.0987, 14.1776



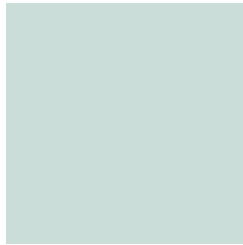
17.6811, 9.0735, 2.7009



1.1781, 0.6009, 0.3470

Previews

White Background



This preview shows how the XYZ color 63.0094, 69.4192, 75.7239 looks on a white background.

Color Contrast Check

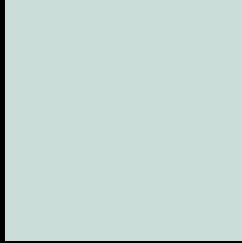
Large Text (above 18pt) WCAG AA × Fail

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 63.0094, 69.4192, 75.7239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

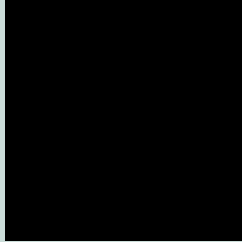
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

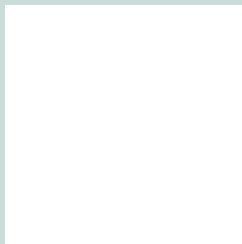
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0094, 69.4192, 75.7239

Background



This preview shows how black text looks on a background with the XYZ color 63.0094, 69.4192, 75.7239.

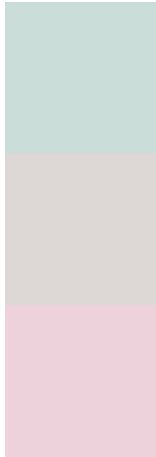


This preview shows how white text looks on a background with the XYZ color 63.0094, 69.4192,

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

63.0094, 69.4192, 75.7239

Protanopia

66.5123, 69.3389, 73.4965

Deuteranopia

70.7578, 69.2122, 76.6478



Tritanopia

65.5204, 69.2628, 88.5130

Trichromacy



Original Color

63.0094, 69.4192, 75.7239

Protanomaly

65.0687, 69.3452, 74.2455

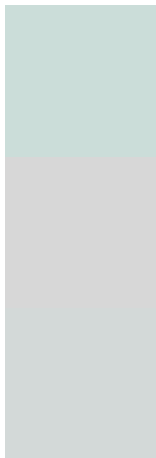
Deuteranomaly

67.7528, 69.1626, 76.1084

Tritanomaly

64.5119, 69.2436, 83.3640

Monochromacy



Original Color

63.0094, 69.4192, 75.7239

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.0715, 68.4325, 74.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0094, 69.4192, 75.7239 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(203, 221, 217)` looks like.

```
.text, #text, p{  
    color:rgb(203, 221, 217)  
}
```

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(203, 221, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 221, 217) }
```

Border

The CSS property to change the border of an element to XYZ 63.0094, 69.4192, 75.7239 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(203, 221, 217) }
```


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

```
.border{ border-color:rgb(203, 221, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 221, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 221, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 221, 217);  
box-shadow:4px 4px 4px 4px rgb(203, 221,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0094, 69.4192, 75.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 221, 217) }
```

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

```
.background{ background-color: rgb(203,  
221, 217) }
```

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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