

Converting Colors

XYZ(66.7434, 73.9640, 65.2285)

Have a look what the booklet for
XYZ(66.7434, 73.9640, 65.2285)
contains.

XYZ(66.8079, 74.0137, 65.4085)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.8079, 74.0137,
65.4085)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE3C8
RGB	218, 227, 200
RGB Percent	85%, 89%, 78%
CMY	0.1451, 0.1098, 0.2157
CMYK	0.04, 0.00, 0.12, 0.11
HSL	80°, 33%, 84%
HSV	80°, 12%, 89%
XYZ	66.8079, 74.0137, 65.4085
YIQ	221.2310, 3.3030, -10.3050

Conversions

Conversions Part 2

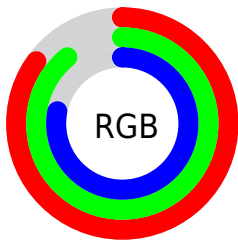
Format	Color
RYB	200, 227, 209
Decimal	14345160
CIELab	88.93, -7.72, 12.16
CIELCh	89, 14.400, 122.405
Yxy	74.0137, 0.3239, 0.3589
Android (android.graphics.Color)	4292535240 (0xFFDAE3C8)
YUV	221.2310, -10.4669, -2.8336
Hunter-Lab	86.0312, -11.9397, 15.1444

Details

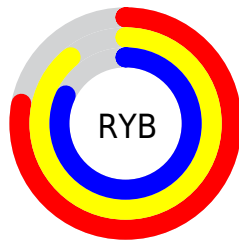
The XYZ color **66.8079, 74.0137, 65.4085** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.8167, 60.4119, 81.1322**, and the grayscale version is **68.9608, 72.5522, 79.0093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0451, 39.3669, 32.9456** is the 20% darker color. If you saturate the color by 10%, you get **62.1380, 71.8926, 52.3542**, and if you desaturate by 10%, it is **71.9792, 76.3521, 80.5455**.

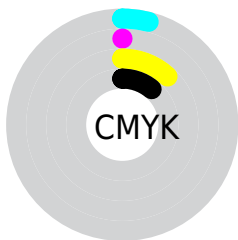
Distribution



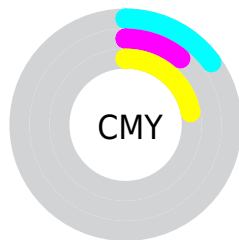
- Red (85%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8079, 74.0137, 65.4085 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 66.8079, 74.0137, 65.4085 by changing the saturation by 10% instead.

■ 66.8079, 74.0137,
65.4085

■ 66.8079, 74.0137,
65.4085

438.7039,
474.5207, 462.6048

■ 49.1987, 54.8053,
47.3389

113.6964,
124.9152, 114.2558

■ 34.9923, 39.2458,
32.9474

143.7064,
157.3771, 145.8707

■ 23.8234, 26.9510,
21.8154

178.5807,
195.0256, 182.8378

■ 15.3267, 17.5364,
13.5243

218.6846,
238.2450, 225.5756

■ 9.1368, 10.6177,
7.6556

264.3836,
287.4199, 274.5026

■ 4.8883, 5.8104,
3.7908

316.0428,

■ 2.2160, 2.7301,

342.9345, 330.0375

1.5113

374.0278,
405.1733, 392.5987

■ 0.7511, 0.9925,
0.2263

■ 0.0000, 0.0000,
0.0000

■ 66.8079, 74.0137,
65.4085

■ 66.8079, 74.0137,
65.4085

■ 62.1380, 71.8926,
52.3542

■ 71.9792, 76.3521,
80.5455

■ 57.9447, 69.9715,
41.2867

■ 77.6635, 78.9054,
97.8460

■ 54.2102, 68.2456,
32.1095

■ 81.6969, 80.8107,
105.8999

■ 50.9128, 66.7059,
24.7166

■ 84.3306, 82.1684,
106.0231

■ 48.0290, 65.3430,
18.9910

■ 86.7605, 83.4211,
106.1368

■ 45.5324, 64.1461,
14.8021

■ 43.3930, 63.1030,
11.9998

■ 41.5751, 62.1993,
10.4039

■ 40.2912, 61.5504,
9.7568

Harmonies

Analogous

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



70.0662, 74.0137, 62.8499



66.8079, 74.0137, 65.4085



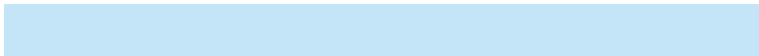
64.5592, 74.0137, 71.9989

Triad

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



66.8079, 74.0137, 65.4085



67.2810, 74.0137, 98.8747



77.2771, 74.0137, 79.7833

Complementary

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



66.8079, 74.0137, 65.4085



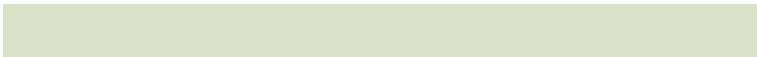
60.8167, 60.4119, 81.1322

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.



76.4725, 74.0137, 89.8351



66.8079, 74.0137, 65.4085



70.6302, 74.0137, 101.3850

Square

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



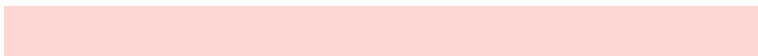
66.8079, 74.0137, 65.4085



64.8259, 74.0137, 91.3475



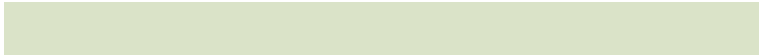
74.0106, 74.0137, 97.9519



76.1747, 74.0137, 70.7090

Rectangle

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



66.8079, 74.0137, 65.4085



63.8953, 74.0137, 78.0717



74.0106, 74.0137, 97.9519



77.2207, 74.0137, 83.1585

Sweetspot

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



66.8099, 74.0169, 65.4101



92.2107, 98.7210, 100.4212



64.9070, 66.1043, 63.9831



19.6252, 21.0800, 21.1639



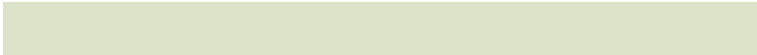
0.0000, 0.0000, 0.0000



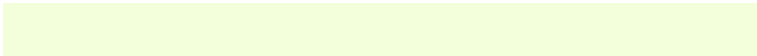
20.3446, 21.4041, 23.3091

Same Dimension

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



66.8099, 74.0169, 65.4101



85.5811, 95.7221, 81.1907



62.9358, 72.0198, 65.2288



15.1102, 16.5639, 15.3052



23.6253, 35.9608, 5.6959



1.8433, 2.7076, 0.4255

Inverse Universe

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



60.8167, 60.4119, 81.1322



76.4807, 75.0626, 105.0653



64.7996, 62.4651, 81.3186



14.0334, 14.1194, 18.1300



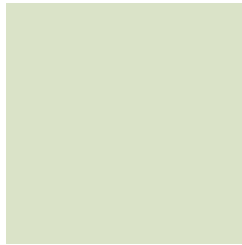
9.9207, 4.1802, 42.6672



0.8288, 0.3582, 3.1574

Previews

White Background



This preview shows how the XYZ color 66.8079, 74.0137, 65.4085 looks on a white background.

Color Contrast Check

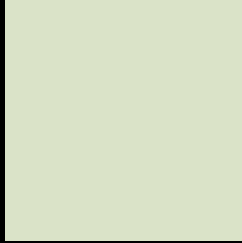
Large Text (above 18pt) WCAG AA × Fail

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 66.8079, 74.0137, 65.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

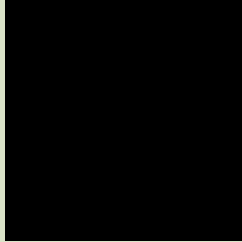
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

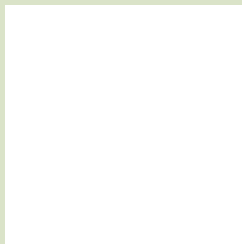
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8079, 74.0137, 65.4085

Background



This preview shows how black text looks on a background with the XYZ color 66.8079, 74.0137, 65.4085.



This preview shows how white text looks on a background with the XYZ color 66.8079, 74.0137,

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

66.8079, 74.0137, 65.4085

Protanopia

69.9186, 73.6434, 63.9556

Deuteranopia

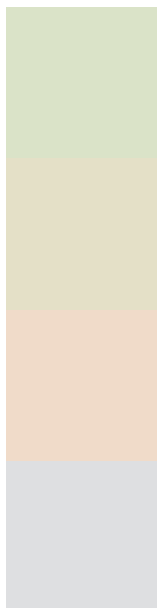
75.1060, 73.5606, 66.1172



Tritanopia

72.1769, 73.7922, 92.1005

Trichromacy



Original Color

66.8079, 74.0137, 65.4085

Protanomaly

68.9594, 73.9288, 64.6680

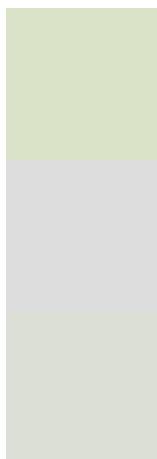
Deuteranomaly

71.8093, 73.4053, 65.6422

Tritanomaly

70.1025, 73.7412, 81.7728

Monochromacy



Original Color

66.8079, 74.0137, 65.4085

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9131, 72.7951, 73.4222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8079, 74.0137, 65.4085 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(218, 227, 200) looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 200)  
}
```

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(218, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 200) }
```

Border

The CSS property to change the border of an element to XYZ 66.8079, 74.0137, 65.4085 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(218, 227, 200) }
```


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

```
.border{ border-color:rgb(218, 227, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 200);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8079, 74.0137, 65.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 200) }
```

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

```
.background{ background-color: rgb(218,  
227, 200) }
```

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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