

# Converting Colors

XYZ(65.8890, 74.1591, 74.4597)

Have a look what the booklet for  
XYZ(65.8890, 74.1591, 74.4597)  
contains.

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# Color

**XYZ(65.8890, 74.1591,  
74.4597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFE5D6
RGB	207, 229, 214
RGB Percent	81%, 90%, 84%
CMY	0.1882, 0.1019, 0.1608
CMYK	0.10, 0.00, 0.07, 0.10
HSL	139°, 30%, 85%
HSV	139°, 10%, 90%
XYZ	65.8890, 74.1591, 74.4597
YIQ	220.7120, -8.2970, -9.3290

# Conversions

## Conversions Part 2

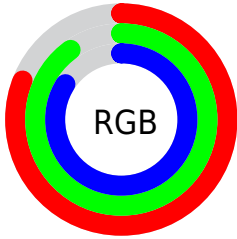
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 224, 229
Decimal	13624790
CIE Lab	89.00, -10.06, 4.83
CIE LCh	89, 11.158, 154.374
Yxy	74.1591, 0.3072, 0.3457
Android (android.graphics.Color)	4291814870 (0xFFCFE5D6)
YUV	220.7120, -3.3090, -12.0254
Hunter-Lab	86.1157, -14.1282, 9.0160

# Details

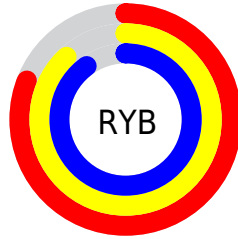
The XYZ color **65.8890, 74.1591, 74.4597** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8134, 66.5594, 78.3838**, and the grayscale version is **68.5536, 72.1238, 78.5428**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5309, 39.5476, 38.6144** is the 20% darker color. If you saturate the color by 10%, you get **58.0498, 70.3394, 64.1775**, and if you desaturate by 10%, it is **74.8515, 78.5400, 85.7956**.

# Distribution



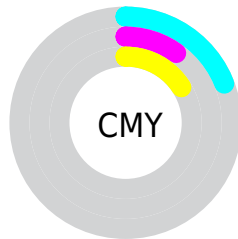
- Red (81%)
- Green (90%)
- Blue (84%)



- Red (81%)
- Yellow (88%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8890, 74.1591, 74.4597 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 65.8890, 74.1591, 74.4597 by changing the saturation by 10% instead.



■ 65.8890, 74.1591,  
74.4597

■ 65.8890, 74.1591,  
74.4597

435.4747,  
475.0223, 495.2642

■ 48.4497, 54.9243,  
54.6713

112.3856,  
125.1213, 127.2873

■ 34.3959, 39.3411,  
38.7418

142.1736,  
157.6175, 161.1636

■ 23.3622, 27.0252,  
26.2526

176.8086,  
195.3029, 200.5729

■ 14.9833, 17.5921,  
16.7853

216.6558,  
238.5619, 245.9338

■ 8.8939, 10.6576,  
9.9212

262.0806,  
287.7790, 297.6649

■ 4.7286, 5.8371,  
5.2418

313.4485,

■ 2.1220, 2.7463,

343.3385, 356.1846

2.3286

371.1248,  
405.6248, 421.9115

■ 0.7012, 1.0007,  
0.7472

■ 0.0000, 0.0000,  
0.0000

■ 65.8890, 74.1591,  
74.4597

■ 65.8890, 74.1591,  
74.4597

■ 58.0498, 70.3394,  
64.1775

■ 74.8515, 78.5400,  
85.7956

■ 51.2826, 67.0488,  
54.9141

■ 84.9737, 83.4938,  
98.2090

■ 45.5412, 64.2662,  
46.6396

■ 87.3108, 84.5215,  
106.3203

■ 40.7736, 61.9655,  
39.3209

■ 36.9231, 60.1181,  
32.9232

■ 33.9268, 58.6924,  
27.4093

■ 31.7134, 57.6524,  
22.7396

■ 30.1993, 56.9559,  
18.8711

■ 29.2501, 56.5346,  
15.7554

# Harmonies

## Analogous

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



67.5832, 74.1591, 69.0393



65.8890, 74.1591, 74.4597



65.4144, 74.1591, 81.8909

# Triad

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



65.8890, 74.1591, 74.4597



70.8844, 74.1591, 96.5680



74.8772, 74.1591, 72.6065

# Complementary

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



65.8890, 74.1591, 74.4597



67.8134, 66.5594, 78.3838

# 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.



75.8132, 74.1591, 79.6132



65.8890, 74.1591, 74.4597



73.4707, 74.1591, 93.7079

# Square

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



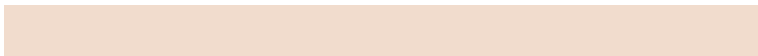
65.8890, 74.1591, 74.4597



68.2552, 74.1591, 94.9712



75.2920, 74.1591, 87.3779



72.7649, 74.1591, 68.0185



# Rectangle

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



65.8890, 74.1591, 74.4597



65.8430, 74.1591, 87.0668



75.2920, 74.1591, 87.3779



75.3423, 74.1591, 74.7400

# Sweetspot

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



65.8911, 74.1623, 74.4613



91.4627, 98.2464, 104.4077



69.4191, 76.0821, 70.0589



19.3764, 20.9309, 22.0951



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

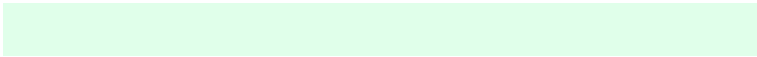


# Same Dimension

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



65.8911, 74.1623, 74.4613



81.4953, 93.3796, 91.6725



67.3399, 74.7418, 82.0910



14.3773, 16.1644, 16.2517



16.7533, 32.3334, 9.2012



1.2790, 2.4057, 0.8960



# Inverse Universe

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



67.8134, 66.5594, 78.3838



84.5252, 81.3953, 97.8543



66.3902, 65.9901, 70.8895



14.7898, 14.5331, 17.0933



21.9701, 10.9222, 19.2692

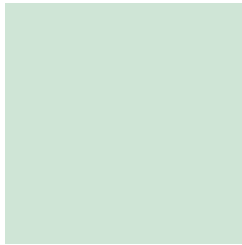


1.6653, 0.8238, 1.6439



# Previews

## White Background



This preview shows how the XYZ color 65.8890, 74.1591, 74.4597 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

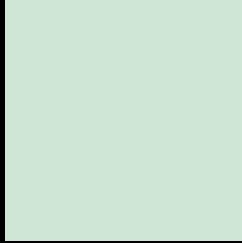
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.8890, 74.1591, 74.4597 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

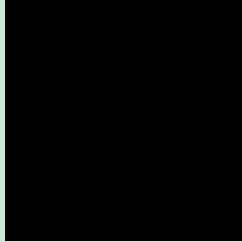
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

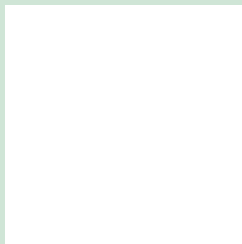
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 65.8890, 74.1591, 74.4597

## Background



This preview shows how black text looks on a background with the XYZ color 65.8890, 74.1591, 74.4597.



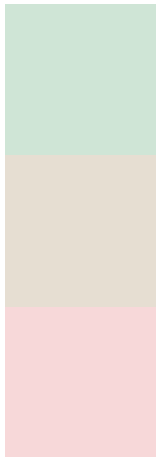
This preview shows how white text looks on a background with the XYZ color 65.8890, 74.1591,



# 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

65.8890, 74.1591, 74.4597

### Protanopia

70.3873, 73.7187, 71.4921

### Deuteranopia

75.4380, 73.8956, 75.9329



## Tritanopia

70.2543, 74.3185, 95.4361

# Trichromacy



## Original Color

65.8890, 74.1591, 74.4597

## Protanomaly

68.8073, 74.0832, 72.3010

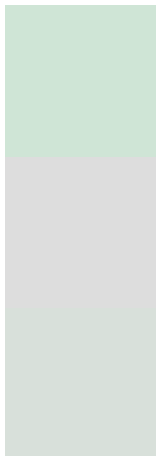
## Deuteranomaly

71.5298, 73.8266, 75.4457

## Tritanomaly

68.3402, 73.9205, 87.0101

# Monochromacy



## Original Color

65.8890, 74.1591, 74.4597

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

67.6294, 72.9722, 76.8503

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.8890, 74.1591, 74.4597 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(207, 229, 214)` looks like.

```
.text, #text, p{  
    color:rgb(207, 229, 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(207, 229, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 229, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 65.8890, 74.1591, 74.4597 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(207, 229, 214) }
```



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

```
.border{ border-color:rgb(207, 229, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 229, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 229, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 229, 214);  
box-shadow:4px 4px 4px 4px rgb(207, 229,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.8890, 74.1591, 74.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 229, 214) }
```

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

```
.background{ background-color: rgb(207,  
229, 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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