

Converting Colors

XYZ(65.0996, 74.1641, 65.8492)

Have a look what the booklet for
XYZ(65.0996, 74.1641, 65.8492)
contains.

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Color

**XYZ(65.4178, 74.5123,
66.1928)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E6C9
RGB	210, 230, 201
RGB Percent	82%, 90%, 79%
CMY	0.1765, 0.0980, 0.2118
CMYK	0.09, 0.00, 0.13, 0.10
HSL	101°, 37%, 85%
HSV	101°, 13%, 90%
XYZ	65.4178, 74.5123, 66.1928
YIQ	220.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

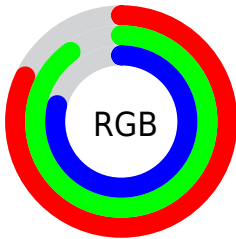
Format	Color
R_{YB}	201, 230, 221
Decimal	13821641
CIE _{Lab}	89.16, -11.84, 11.89
CIE _{LCh}	89, 16.777, 134.865
Yxy	74.5123, 0.3174, 0.3615
Android (android.graphics.Color)	4292011721 (0xFFD2E6C9)
YUV	220.7140, -9.7190, -9.3962
Hunter-Lab	86.3205, -15.7851, 14.9592

Details

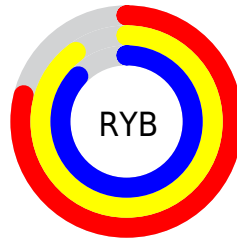
The XYZ color **65.4178, 74.5123, 66.1928** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.9913, 62.8607, 83.5747**, and the grayscale version is **68.5957, 72.1680, 78.5910**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9201, 39.3473, 33.4108** is the 20% darker color. If you saturate the color by 10%, you get **58.6178, 71.2985, 52.7927**, and if you desaturate by 10%, it is **73.0749, 78.1254, 81.7510**.

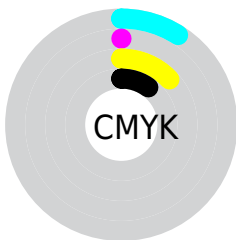
Distribution



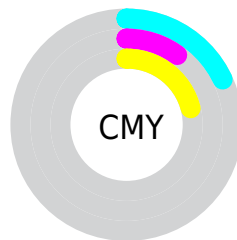
- Red (82%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4178, 74.5123, 66.1928 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 65.4178, 74.5123, 66.1928 by changing the saturation by 10% instead.

65.4178, 74.5123,
66.1928

65.4178, 74.5123,
66.1928

433.8134,
476.2396, 465.4891

48.0659, 55.2134,
47.9715

111.7127,
125.6218, 115.3926

34.0905, 39.5726,
33.4445

141.3864,
158.2012, 147.2082

23.1264, 27.2055,
22.1932

175.8980,
195.9762, 184.3923

14.8081, 17.7276,
13.7993

215.6130,
239.3312, 227.3634

8.7702, 10.7546,
7.8440

260.8967,
288.6507, 276.5401

4.6475, 5.9021,
3.9090

312.1144,

2.0746, 2.7856,

344.3190, 332.3410

1.5755

369.6315,
406.7205, 395.1844

■ 0.6753, 1.0209,
0.2733

■ 0.0000, 0.0000,
0.0000

■ 65.4178, 74.5123,
66.1928

■ 65.4178, 74.5123,
66.1928

■ 58.6178, 71.2985,
52.7927

■ 73.0749, 78.1254,
81.7510

■ 52.6378, 68.4605,
41.4506

■ 81.6121, 82.1414,
99.5515

■ 47.4469, 65.9869,
32.0659

■ 87.5883, 85.0765,
106.4128

■ 43.0100, 63.8619,
24.5276

■ 39.2890, 62.0684,
18.7136

■ 36.2419, 60.5880,
14.4869

■ 33.8220, 59.3999,
11.6900

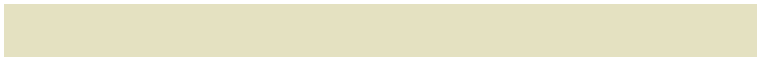
■ 31.9748, 58.4802,
10.1328

■ 30.9239, 57.9501,
9.5556

Harmonies

Analogous

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



68.8233, 74.5123, 61.2523



65.4178, 74.5123, 66.1928



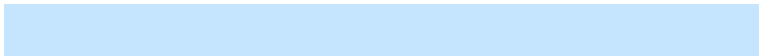
63.4986, 74.5123, 75.3921

Triad

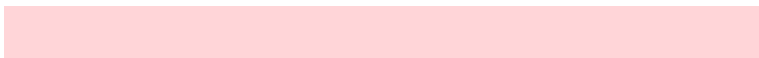
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4178, 74.5123, 66.1928



68.7883, 74.5123, 104.8712



78.6975, 74.5123, 75.4894

Complementary

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



65.4178, 74.5123, 66.1928



64.9913, 62.8607, 83.5747

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.



78.6872, 74.5123, 87.1545



65.4178, 74.5123, 66.1928



72.8584, 74.5123, 104.9037

Square

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



65.4178, 74.5123, 66.1928



65.3930, 74.5123, 98.0785



76.5153, 74.5123, 98.1634



76.5428, 74.5123, 66.2581

Rectangle

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



65.4178, 74.5123, 66.1928



63.2716, 74.5123, 83.0564



76.5153, 74.5123, 98.1634



78.9497, 74.5123, 79.2360

Sweetspot

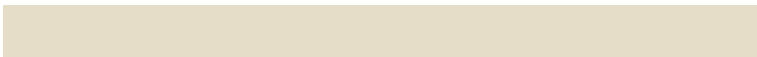
The Sweet Spot groups the original color and five complimentary colors.



65.4198, 74.5155, 66.1944



90.9099, 98.0504, 100.3604



68.9868, 72.6593, 65.6481



19.2961, 20.9103, 21.1485



0.0000, 0.0000, 0.0000



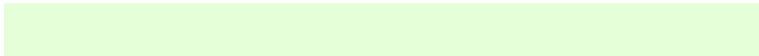
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4198, 74.5155, 66.1944



80.4434, 93.1121, 79.2079



63.5656, 73.4861, 69.4300



14.6079, 16.3049, 15.2817



17.6169, 32.8633, 5.4148



1.3945, 2.4763, 0.4045

Inverse Universe

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



64.9913, 62.8607, 83.5747



79.8060, 75.7950, 105.0314



67.0699, 64.0172, 79.8328



14.5372, 14.3792, 18.1536



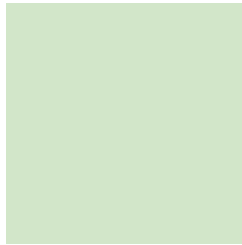
16.2708, 7.4538, 42.9643



1.2966, 0.5994, 3.1793

Previews

White Background



This preview shows how the XYZ color 65.4178, 74.5123, 66.1928 looks on a white background.

Color Contrast Check

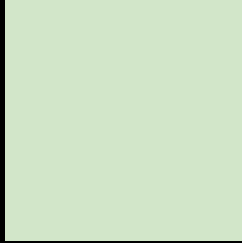
Large Text (above 18pt) WCAG AA × Fail

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 65.4178, 74.5123, 66.1928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

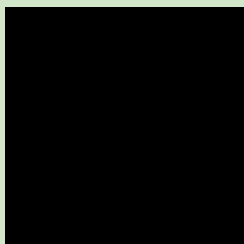
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

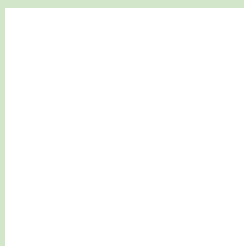
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4178, 74.5123, 66.1928

Background



This preview shows how black text looks on a background with the XYZ color 65.4178, 74.5123, 66.1928.

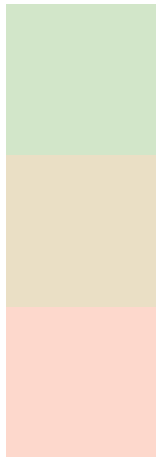


This preview shows how white text looks on a background with the XYZ color 65.4178, 74.5123,

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

65.4178, 74.5123, 66.1928

Protanopia

70.3974, 74.2990, 63.4541

Deuteranopia

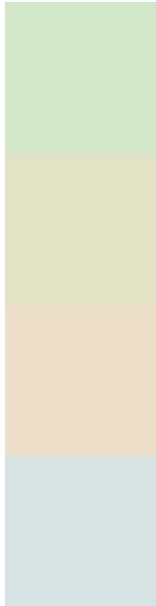
75.9630, 74.3540, 67.4748



Tritanopia

71.0016, 74.3210, 94.6076

Trichromacy



Original Color

65.4178, 74.5123, 66.1928

Protanomaly

68.4407, 74.4775, 64.1945

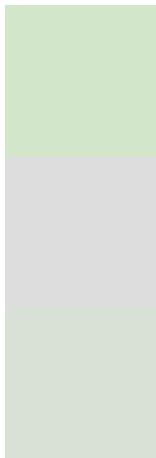
Deuteranomaly

71.5610, 74.0292, 67.0173

Tritanomaly

68.7930, 74.2349, 83.3760

Monochromacy



Original Color

65.4178, 74.5123, 66.1928

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.4085, 72.9181, 74.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4178, 74.5123, 66.1928 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(210, 230, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 201)  
}
```

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(210, 230, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 201) }
```

Border

The CSS property to change the border of an element to XYZ 65.4178, 74.5123, 66.1928 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(210, 230, 201) }
```


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

```
.border{ border-color:rgb(210, 230, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4178, 74.5123, 66.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 201) }
```

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

```
.background{ background-color: rgb(210,  
230, 201) }
```

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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