

Converting Colors

XYZ(72.2383, 81.9270, 65.5918)

Have a look what the booklet for
XYZ(72.2383, 81.9270, 65.5918)
contains.

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Color

**XYZ(72.1109, 81.8178,
65.4178)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EFC6
RGB	225, 239, 198
RGB Percent	88%, 94%, 78%
CMY	0.1176, 0.0627, 0.2235
CMYK	0.06, 0.00, 0.17, 0.06
HSL	80°, 56%, 86%
HSV	80°, 17%, 94%
XYZ	72.1109, 81.8178, 65.4178
YIQ	230.1400, 4.8170, -15.7190

Conversions

Conversions Part 2

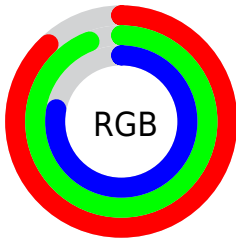
Format	Color
RYB	198, 239, 212
Decimal	14806982
CIELab	92.49, -11.62, 18.30
CIELCh	92, 21.675, 122.421
Yxy	81.8178, 0.3288, 0.3730
Android (android.graphics.Color)	4292997062 (0xFFE1EFC6)
YUV	230.1400, -15.8450, -4.5078
Hunter-Lab	90.4532, -15.9897, 20.4374

Details

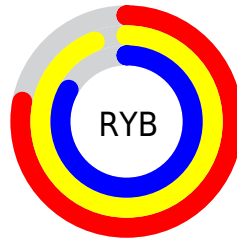
The XYZ color **72.1109, 81.8178, 65.4178** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.9287, 60.6194, 90.0498**, and the grayscale version is **75.4304, 79.3587, 86.4216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5451, 44.4266, 32.9292** is the 20% darker color. If you saturate the color by 10%, you get **67.0851, 79.5232, 51.9100**, and if you desaturate by 10%, it is **77.6978, 84.3563, 81.2260**.

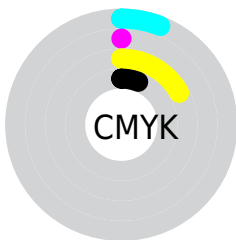
Distribution



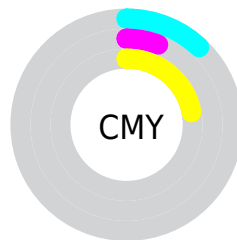
- Red (88%)
- Green (94%)
- Blue (78%)



- Red (78%)
- Yellow (94%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (6%)



- Cyan (12%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1109, 81.8178, 65.4178 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 72.1109, 81.8178, 65.4178 by changing the saturation by 10% instead.

72.1109, 81.8178,
65.4178

72.1109, 81.8178,
65.4178

457.0792,
501.0380, 462.6391

53.5351, 61.2154,
47.3464

121.2241,
135.9185, 114.2693

38.4593, 44.3990,
32.9533

152.4922,
170.1855, 145.8866

26.5182, 30.9843,
21.8199

188.7218,
209.7762, 182.8562

17.3464, 20.5869,
13.5275

230.2782,
255.0749, 225.5968

10.5786, 12.8224,
7.6578

277.5268,
306.4660, 274.5268

5.8494, 7.3063,
3.7922

330.8329,

2.7935, 3.6544,

364.3340, 330.0649

1.5120

390.5619,
429.0632, 392.6294

■ 1.0455, 1.4822,
0.2269

■ 0.0000, 0.2761,
0.0000

■ 72.1109, 81.8178,
65.4178

■ 72.1109, 81.8178,
65.4178

■ 67.0851, 79.5232,
51.9100

■ 77.6978, 84.3563,
81.2260

■ 62.5919, 77.4527,
40.5899

■ 83.8600, 87.1365,
99.4295

■ 58.6097, 75.6004,
31.3436

■ 88.1602, 89.1864,
107.1759

■ 55.1128, 73.9556,
24.0446

■ 90.1582, 90.2164,
107.2694

■ 52.0728, 72.5068,
18.5526

■ 49.4576, 71.2410,
14.7084

■ 47.2299, 70.1430,
12.3252

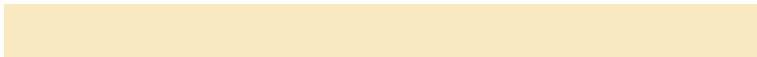
■ 45.3418, 69.1935,
11.1611

■ 44.8459, 68.9421,
10.9435

Harmonies

Analogous

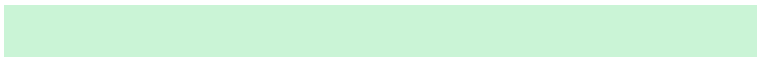
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3096, 81.8178, 61.5887



72.1109, 81.8178, 65.4178



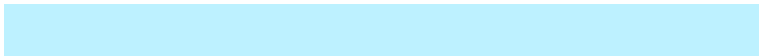
68.5692, 81.8178, 75.5034

Triad

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



72.1109, 81.8178, 65.4178



72.8657, 81.8178, 119.4510



89.0770, 81.8178, 87.7841

Complementary

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



72.1109, 81.8178, 65.4178



62.9287, 60.6194, 90.0498

Split Complementary

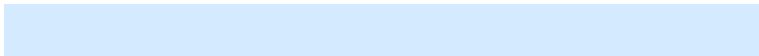
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7491, 81.8178, 104.2063



72.1109, 81.8178, 65.4178



78.2230, 81.8178, 123.7468

Square

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



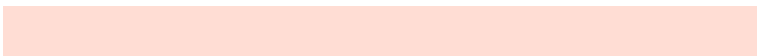
72.1109, 81.8178, 65.4178



68.9900, 81.8178, 106.7416



83.7080, 81.8178, 117.8676



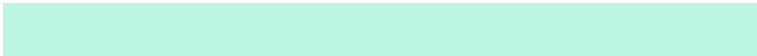
87.2550, 81.8178, 73.4926

Rectangle

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



72.1109, 81.8178, 65.4178



67.5315, 81.8178, 85.0631



83.7080, 81.8178, 117.8676



88.9842, 81.8178, 93.2331

Sweetspot

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



72.1131, 81.8214, 65.4196



91.4806, 98.3892, 98.3709



69.2528, 69.3511, 63.1633



19.4762, 21.0121, 20.7509



0.0000, 0.0000, 0.0000



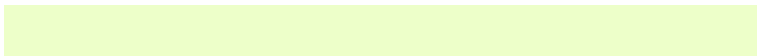
20.3446, 21.4041, 23.3091

Same Dimension

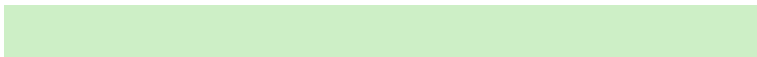
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1131, 81.8214, 65.4196



81.1840, 93.7129, 69.3458



66.1930, 78.7695, 65.1425



16.5682, 18.1731, 16.7842



24.9275, 38.1722, 6.0541



2.1798, 3.2302, 0.5086

Inverse Universe

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



62.9287, 60.6194, 90.0498



68.4782, 64.3785, 103.4248



69.1098, 63.8059, 90.3391



15.4062, 15.4911, 19.8997



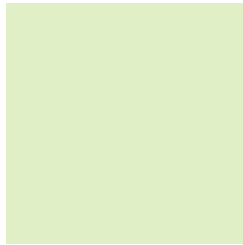
10.6412, 4.4911, 45.4339



0.9880, 0.4266, 3.7845

Previews

White Background



This preview shows how the XYZ color 72.1109, 81.8178, 65.4178 looks on a white background.

Color Contrast Check

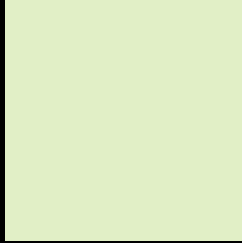
Large Text (above 18pt) WCAG AA × Fail

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 72.1109, 81.8178, 65.4178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

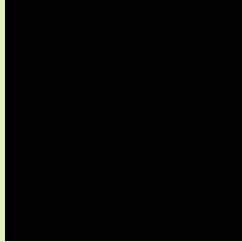
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

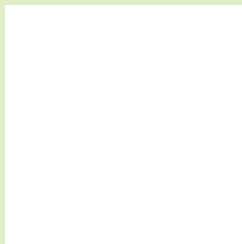
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1109, 81.8178, 65.4178

Background



This preview shows how black text looks on a background with the XYZ color 72.1109, 81.8178, 65.4178.



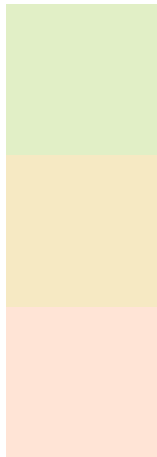
This preview shows how white text looks on a background with the XYZ color 72.1109, 81.8178,

65.4178.

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

72.1109, 81.8178, 65.4178

Protanopia

76.9953, 81.8108, 63.3627

Deuteranopia

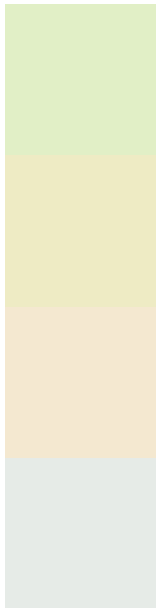
81.1210, 81.6018, 75.0935



Tritanopia

79.7162, 81.9390, 102.0568

Trichromacy



Original Color

72.1109, 81.8178, 65.4178

Protanomaly

74.9320, 81.5793, 64.0216

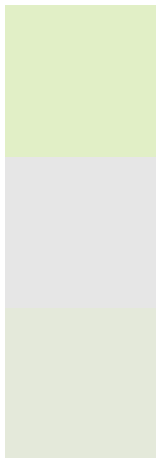
Deuteranomaly

77.5500, 81.5004, 71.3183

Tritanomaly

76.7653, 82.0092, 87.3847

Monochromacy



Original Color

72.1109, 81.8178, 65.4178

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.7887, 79.8338, 77.8500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1109, 81.8178, 65.4178 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(225, 239, 198)` looks like.

```
.text, #text, p{  
    color:rgb(225, 239, 198)  
}
```

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(225, 239, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 239, 198) }
```

Border

The CSS property to change the border of an element to XYZ 72.1109, 81.8178, 65.4178 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(225, 239, 198) }
```


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

```
.border{ border-color:rgb(225, 239, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 239, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 239, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 239, 198); box-shadow:4px 4px 4px 4px rgb(225, 239, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1109, 81.8178, 65.4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 239, 198) }
```

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

```
.background{ background-color: rgb(225,  
239, 198) }
```

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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