

Converting Colors

XYZ(66.4575, 74.6064, 61.8203)

Have a look what the booklet for
XYZ(66.4575, 74.6064, 61.8203)
contains.

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Color

**XYZ(66.6704, 74.8391,
61.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE5C2
RGB	218, 229, 194
RGB Percent	85%, 90%, 76%
CMY	0.1451, 0.1019, 0.2392
CMYK	0.05, 0.00, 0.15, 0.10
HSL	79°, 40%, 83%
HSV	79°, 15%, 90%
XYZ	66.6704, 74.8391, 61.9704
YIQ	221.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

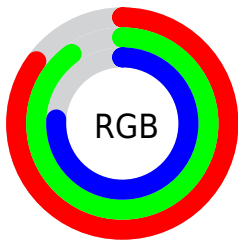
Format	Color
RYB	194, 229, 205
Decimal	14345666
CIELab	89.32, -9.70, 15.84
CIELCh	89, 18.571, 121.479
Yxy	74.8391, 0.3277, 0.3678
Android (android.graphics.Color)	4292535746 (0xFFDAE5C2)
YUV	221.7210, -13.6665, -3.2633
Hunter-Lab	86.5096, -13.8271, 18.0848

Details

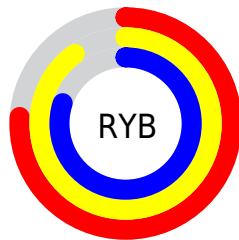
The XYZ color **66.6704, 74.8391, 61.9704** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.6143, 57.2218, 82.0883**, and the grayscale version is **69.3271, 72.9375, 79.4289**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **34.9739, 39.9521, 30.6791** is the 20% darker color. If you saturate the color by 10%, you get **62.1884, 72.8054, 49.3539**, and if you desaturate by 10%, it is **71.6464, 77.0861, 76.6820**.

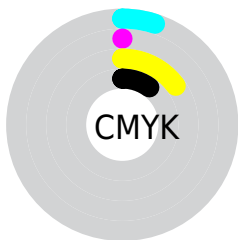
Distribution



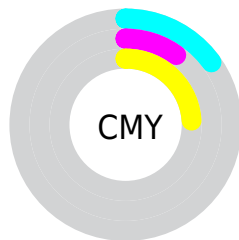
- Red (85%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6704, 74.8391, 61.9704 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 66.6704, 74.8391, 61.9704 by changing the saturation by 10% instead.

66.6704, 74.8391,
61.9704

66.6704, 74.8391,
61.9704

438.2216,
477.3644, 449.8278

49.0865, 55.4811,
44.5731

113.5004,
126.0846, 109.2539

34.9029, 39.7870,
30.7808

143.4773,
158.7408, 139.9773

23.7543, 27.3725,
20.1750

178.3158,
196.5986, 175.9798

15.2752, 17.8532,
12.3370

218.3814,
240.0423, 217.6799

9.1003, 10.8446,
6.8483

264.0395,
289.4564, 265.4962

4.8643, 5.9625,
3.2904

315.6553,

2.2018, 2.8223,

345.2251, 319.8473

1.2448

373.5942,
407.7330, 381.1516

■ 0.7437, 1.0397,
0.0159

■ 0.0000, 0.0000,
0.0000

■ 66.6704, 74.8391,
61.9704

■ 66.6704, 74.8391,
61.9704

■ 62.1884, 72.8054,
49.3539

■ 71.6464, 77.0861,
76.6820

■ 58.1750, 70.9674,
38.7323

■ 77.1284, 79.5440,
93.5731

■ 54.6116, 69.3199,
30.0045

■ 81.8701, 81.7169,
106.0657

■ 51.4757, 67.8538,
23.0586

■ 84.3577, 82.9992,
106.1821

■ 48.7427, 66.5590,
17.7709

■ 86.9432, 84.3321,
106.3031

■ 46.3847, 65.4244,
14.0020

■ 87.3108, 84.5216,
106.3203

■ 44.3697, 64.4370,
11.5897

■ 42.6585, 63.5808,
10.3345

■ 41.9277, 63.2109,
9.9911

Harmonies

Analogous

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



70.9073, 74.8391, 58.9618



66.6704, 74.8391, 61.9704



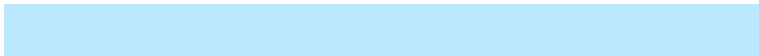
63.7343, 74.8391, 70.1226

Triad

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



66.6704, 74.8391, 61.9704



67.0448, 74.8391, 105.4878



80.2211, 74.8391, 80.8435

Complementary

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



66.6704, 74.8391, 61.9704



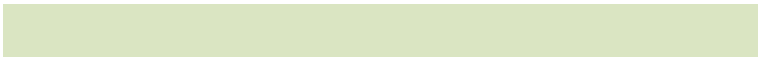
58.6143, 57.2218, 82.0883

Split Complementary

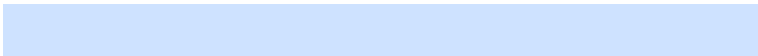
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0818, 74.8391, 94.0175



66.6704, 74.8391, 61.9704



71.3579, 74.8391, 109.1229

Square

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



66.6704, 74.8391, 61.9704



63.9439, 74.8391, 95.2522



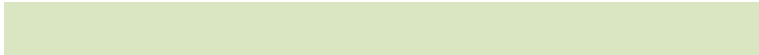
75.7890, 74.8391, 104.7233



78.8402, 74.8391, 69.1164

Rectangle

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



66.6704, 74.8391, 61.9704



62.8434, 74.8391, 77.8383



75.7890, 74.8391, 104.7233



80.1199, 74.8391, 85.2481

Sweetspot

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



66.6724, 74.8424, 61.9720



91.6053, 98.4535, 98.3767



63.7652, 63.9792, 60.0284



19.5065, 21.0278, 20.7523



0.0000, 0.0000, 0.0000



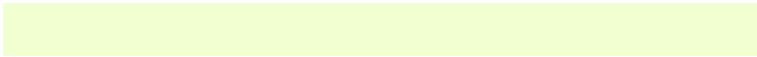
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6724, 74.8424, 61.9720



83.4100, 94.7536, 74.2796



61.8467, 72.3546, 61.7462



15.1378, 16.5781, 15.3065



24.1005, 36.2058, 5.7182



1.8758, 2.7244, 0.4270

Inverse Universe

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



58.6143, 57.2218, 82.0883



71.4700, 68.6423, 104.0902



63.5615, 59.7722, 82.3199



14.0071, 14.1059, 18.1288



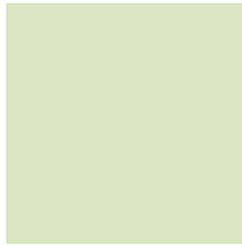
9.7236, 4.0786, 42.6579



0.8118, 0.3495, 3.1566

Previews

White Background



This preview shows how the XYZ color 66.6704, 74.8391, 61.9704 looks on a white background.

Color Contrast Check

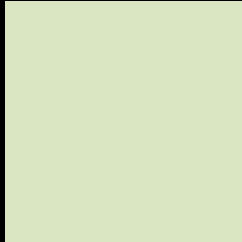
Large Text (above 18pt) WCAG AA × Fail

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 66.6704, 74.8391, 61.9704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

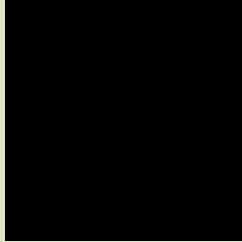
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

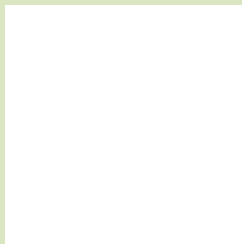
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6704, 74.8391, 61.9704

Background



This preview shows how black text looks on a background with the XYZ color 66.6704, 74.8391, 61.9704.



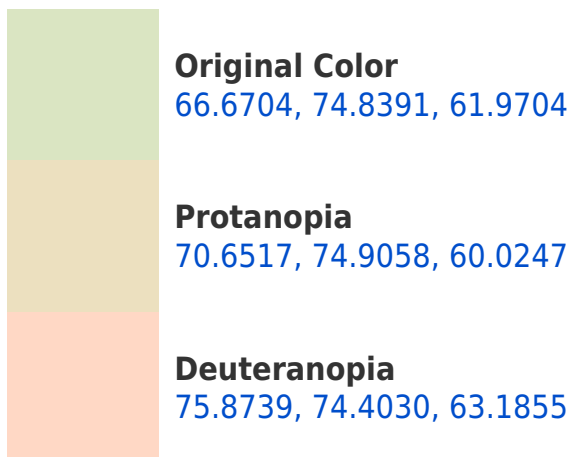
This preview shows how white text looks on a background with the XYZ color 66.6704, 74.8391,

61.9704.

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

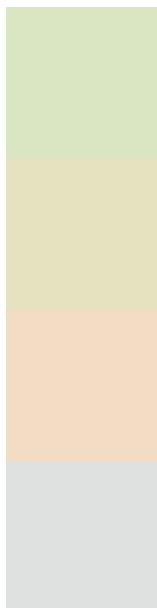




Tritanopia

73.1672, 75.0742, 93.0725

Trichromacy



Original Color

66.6704, 74.8391, 61.9704

Protanomaly

69.0239, 74.8565, 60.6800

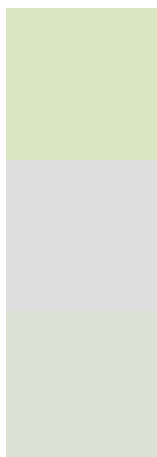
Deuteranomaly

72.4382, 74.5757, 62.8012

Tritanomaly

70.3687, 74.7077, 80.5232

Monochromacy



Original Color

66.6704, 74.8391, 61.9704

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.6277, 73.9760, 72.9491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6704, 74.8391, 61.9704 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, 229, 194) looks like.

```
.text, #text, p{  
    color:rgb(218, 229, 194)  
}
```

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, 229, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 229, 194) }
```

Border

The CSS property to change the border of an element to XYZ 66.6704, 74.8391, 61.9704 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, 229, 194) }
```


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

```
.border{ border-color:rgb(218, 229, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 229, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 229, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 229, 194);  
box-shadow:4px 4px 4px 4px rgb(218, 229,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6704, 74.8391, 61.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 229, 194) }
```

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

```
.background{ background-color: rgb(218,  
229, 194) }
```

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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