

Converting Colors

XYZ(66.7098, 73.7645, 62.0094)

Have a look what the booklet for
XYZ(66.7098, 73.7645, 62.0094)
contains.

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Color

**XYZ(66.4492, 73.5034,
61.7243)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE2C2
RGB	220, 226, 194
RGB Percent	86%, 89%, 76%
CMY	0.1373, 0.1137, 0.2392
CMYK	0.03, 0.00, 0.14, 0.11
HSL	71°, 36%, 82%
HSV	71°, 14%, 89%
XYZ	66.4492, 73.5034, 61.7243
YIQ	220.5580, 6.6960, -11.2240

Conversions

Conversions Part 2

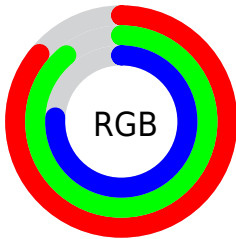
Format	Color
RYB	194, 226, 200
Decimal	14475970
CIELab	88.69, -7.47, 14.97
CIELCh	89, 16.732, 116.525
Yxy	73.5034, 0.3295, 0.3645
Android (android.graphics.Color)	4292666050 (0xFFDCE2C2)
YUV	220.5580, -13.0931, -0.4894
Hunter-Lab	85.7341, -11.6863, 17.3280

Details

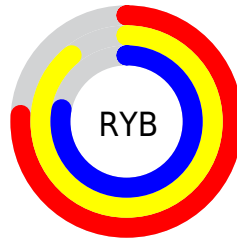
The XYZ color **66.4492, 73.5034, 61.7243** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.8415, 56.3559, 79.8373**, and the grayscale version is **68.5046, 72.0722, 78.4866**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **34.8136, 39.0186, 30.5074** is the 20% darker color. If you saturate the color by 10%, you get **62.8351, 71.9138, 49.2979**, and if you desaturate by 10%, it is **70.4859, 75.2706, 76.1885**.

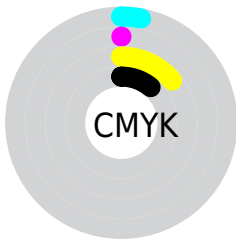
Distribution



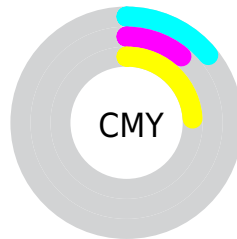
- Red (86%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4492, 73.5034, 61.7243 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 66.4492, 73.5034, 61.7243 by changing the saturation by 10% instead.

66.4492, 73.5034,
61.7243

66.4492, 73.5034,
61.7243

437.4450,
472.7577, 448.9046

48.9062, 54.3877,
44.3756

113.1850,
124.1916, 108.8947

34.7593, 38.9117,
30.6266

143.1085,
156.5329, 139.5535

23.6432, 26.6910,
20.0586

177.8895,
194.0514, 175.4861

15.1924, 17.3413,
12.2531

217.8934,
237.1317, 217.1110

9.0417, 10.4781,
6.7917

263.4855,
286.1581, 264.8467

4.8258, 5.7171,
3.2557

315.0313,

2.1791, 2.6738,

341.5149, 319.1119

1.2266

372.8960,
403.5866, 380.3250

■ 0.7317, 0.9639,
0.0005

■ 0.0000, 0.0000,
0.0000

■ 66.4492, 73.5034,
61.7243

■ 66.4492, 73.5034,
61.7243

■ 62.8351, 71.9138,
49.2979

■ 70.4859, 75.2706,
76.1885

■ 59.6201, 70.4851,
38.8131

■ 74.9557, 77.2125,
92.7716

■ 56.7872, 69.2130,
30.1729

■ 78.7614, 78.8925,
105.6844

■ 54.3158, 68.0892,
23.2701

■ 80.1602, 79.6137,
105.7498

■ 52.1831, 67.1045,
17.9865

■ 81.5926, 80.3521,
105.8169

■ 50.3638, 66.2488,
14.1892

■ 83.0586, 81.1079,
105.8855

■ 48.8283, 65.5101,
11.7241

■ 84.5586, 81.8811,
105.9557

■ 47.5407, 64.8743,
10.4038

■ 86.0927, 82.6720,
106.0275

■ 46.8700, 64.5371,
9.9866

■ 86.4878, 82.8757,
106.0459

Harmonies

Analogous

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



70.3349, 73.5034, 59.8086



66.4492, 73.5034, 61.7243



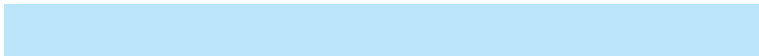
63.5787, 73.5034, 68.3732

Triad

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



66.4492, 73.5034, 61.7243



65.6632, 73.5034, 100.0708



77.9108, 73.5034, 81.3893

Complementary

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



66.4492, 73.5034, 61.7243



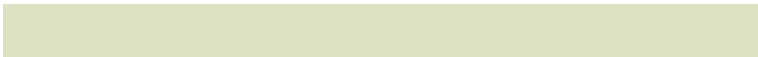
56.8415, 56.3559, 79.8373

Split Complementary

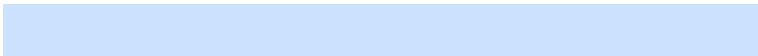
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5479, 73.5034, 92.9476



66.4492, 73.5034, 61.7243



69.3928, 73.5034, 104.3682

Square

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



66.4492, 73.5034, 61.7243



63.1374, 73.5034, 90.3898



73.3913, 73.5034, 101.6447



77.0496, 73.5034, 70.4986

Rectangle

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



66.4492, 73.5034, 61.7243



62.5743, 73.5034, 74.9576



73.3913, 73.5034, 101.6447



77.6963, 73.5034, 85.3319

Sweetspot

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



66.4512, 73.5066, 61.7259



92.7503, 98.9992, 100.4465



61.7276, 61.3127, 59.6212



19.7621, 21.1505, 21.1703



0.0000, 0.0000, 0.0000



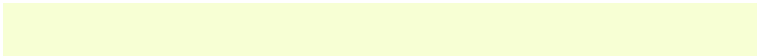
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4512, 73.5066, 61.7259



85.9104, 96.0058, 76.0591



61.8749, 71.1475, 61.5117



14.6065, 15.8928, 14.6046



26.8326, 36.8652, 5.7015



1.9258, 2.5893, 0.3983

Inverse Universe

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



56.8415, 56.3559, 79.8373



70.9557, 69.3140, 104.2469



61.3012, 58.6550, 80.0461



13.1908, 13.3664, 17.2724



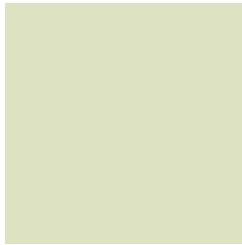
8.4591, 3.4561, 41.2696



0.6566, 0.2758, 2.8639

Previews

White Background



This preview shows how the XYZ color 66.4492, 73.5034, 61.7243 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 66.4492, 73.5034, 61.7243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

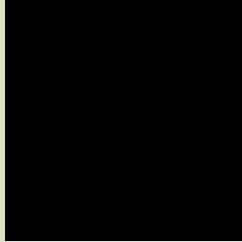
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

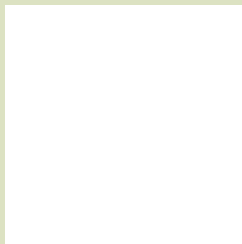
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4492, 73.5034, 61.7243

Background



This preview shows how black text looks on a background with the XYZ color 66.4492, 73.5034, 61.7243.



This preview shows how white text looks on a background with the XYZ color 66.4492, 73.5034,

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

66.4492, 73.5034, 61.7243

Protanopia

69.2400, 73.3720, 60.3820

Deuteranopia

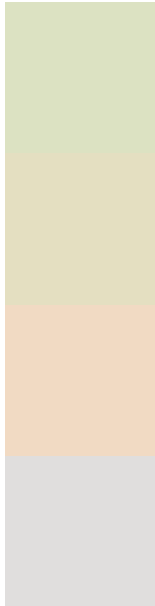
74.5184, 72.9613, 62.3799



Tritanopia

72.2433, 73.4696, 90.4942

Trichromacy



Original Color

66.4492, 73.5034, 61.7243

Protanomaly

68.0082, 73.1196, 60.9812

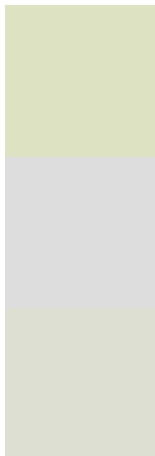
Deuteranomaly

71.1974, 72.7837, 61.9259

Tritanomaly

69.9129, 73.3103, 78.8721

Monochromacy



Original Color

66.4492, 73.5034, 61.7243

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9643, 72.8507, 72.1075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4492, 73.5034, 61.7243 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(220, 226, 194) looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 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(220, 226, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 194) }
```

Border

The CSS property to change the border of an element to XYZ 66.4492, 73.5034, 61.7243 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(220, 226, 194) }
```


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

```
.border{ border-color:rgb(220, 226, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 226, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 194);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4492, 73.5034, 61.7243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 194) }
```

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

```
.background{ background-color: rgb(220,  
226, 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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