

Converting Colors

XYZ(69.2931, 75.8685, 65.9670)

Have a look what the booklet for
XYZ(69.2931, 75.8685, 65.9670)
contains.

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Color

**XYZ(69.3374, 75.7114,
66.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E4C9
RGB	225, 228, 201
RGB Percent	88%, 89%, 79%
CMY	0.1176, 0.1059, 0.2118
CMYK	0.01, 0.00, 0.12, 0.11
HSL	67°, 33%, 84%
HSV	67°, 12%, 89%
XYZ	69.3374, 75.7114, 66.2176
YIQ	224.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

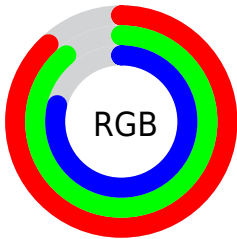
Format	Color
R _Y B	201, 228, 204
Decimal	14804169
CIE Lab	89.73, -5.61, 12.84
CIE LCh	90, 14.009, 113.597
Yxy	75.7114, 0.3282, 0.3584
Android (android.graphics.Color)	4292994249 (0xFFE1E4C9)
YUV	224.0250, -11.3513, 0.8551
Hunter-Lab	87.0123, -10.0304, 15.7881

Details

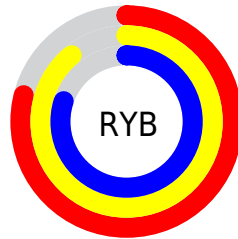
The XYZ color **69.3374, 75.7114, 66.2176** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.7949, 60.2141, 81.8738**, and the grayscale version is **70.9463, 74.6410, 81.2841**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7876, 40.5398, 33.4898** is the 20% darker color. If you saturate the color by 10%, you get **66.0677, 74.3153, 53.0876**, and if you desaturate by 10%, it is **73.0211, 77.2794, 81.4483**.

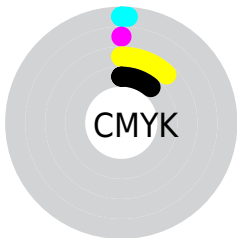
Distribution



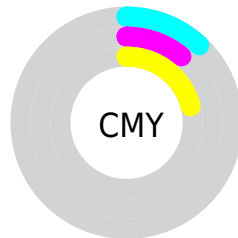
- Red (88%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3374, 75.7114, 66.2176 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 69.3374, 75.7114, 66.2176 by changing the saturation by 10% instead.

69.3374, 75.7114,
66.2176

69.3374, 75.7114,
66.2176

447.5228,
480.3592, 465.5801

51.2642, 56.1959,
47.9915

117.2948,
127.3189, 115.4286

36.6408, 40.3600,
33.4602

147.9097,
160.1796, 147.2505

25.1019, 27.8193,
22.2052

183.4358,
198.2576, 184.4414

16.2821, 18.1895,
13.8080

224.2386,
241.9371, 227.4199

9.8161, 11.0861,
7.8500

270.6833,
291.6027, 276.6045

5.3385, 6.1248,
3.9127

323.1353,

2.4840, 2.9211,

347.6386, 332.4137

1.5776

381.9601,
410.4293, 395.2660

■ 0.8872, 1.0907,
0.2748

■ 0.0000, 0.0000,
0.0000

■ 69.3374, 75.7114,
66.2176

■ 69.3374, 75.7114,
66.2176

■ 66.0677, 74.3153,
53.0876

■ 73.0211, 77.2794,
81.4483

■ 63.1884, 73.0743,
41.9614

■ 77.1292, 79.0161,
98.8612

■ 60.6826, 71.9840,
32.7417

■ 79.2724, 79.9681,
105.8650

■ 58.5301, 71.0363,
25.3212

■ 80.1048, 80.3972,
105.9040

■ 56.7082, 70.2223,
19.5820

■ 80.9490, 80.8324,
105.9435

■ 55.1920, 69.5318,
15.3922

■ 81.8053, 81.2739,
105.9836

■ 53.9526, 68.9533,
12.6001

■ 82.6736, 81.7215,
106.0242

■ 52.9553, 68.4731,
11.0238

■ 83.5540, 82.1754,
106.0654

■ 52.2752, 68.1357,
10.3963

■ 84.4466, 82.6355,
106.1072

Harmonies

Analogous

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



72.7041, 75.7114, 64.9549



69.3374, 75.7114, 66.2176



66.7511, 75.7114, 71.6640

Triad

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



69.3374, 75.7114, 66.2176



68.0944, 75.7114, 98.7000



78.7600, 75.7114, 84.5747

Complementary

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



69.3374, 75.7114, 66.2176



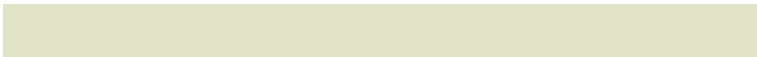
59.7949, 60.2141, 81.8738

Split Complementary

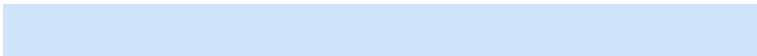
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4361, 75.7114, 94.2386



69.3374, 75.7114, 66.2176



71.2238, 75.7114, 102.8038

Square

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



69.3374, 75.7114, 66.2176



66.0496, 75.7114, 90.2815



74.6508, 75.7114, 101.1093



78.2159, 75.7114, 75.0603

Rectangle

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



69.3374, 75.7114, 66.2176



65.7810, 75.7114, 77.1852



74.6508, 75.7114, 101.1093



78.5173, 75.7114, 87.9214

Sweetspot

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



69.3394, 75.7147, 66.2192



93.0346, 99.1458, 100.4598



64.0616, 63.7563, 64.1892



19.8342, 21.1877, 21.1736



0.0000, 0.0000, 0.0000



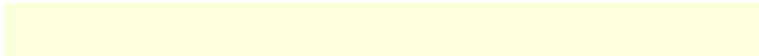
20.3446, 21.4041, 23.3091

Same Dimension

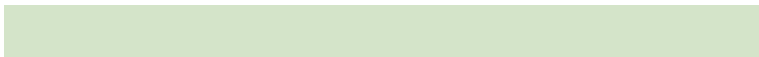
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3394, 75.7147, 66.2192



88.3795, 97.1648, 81.3217



65.3824, 73.6748, 66.0340



15.4354, 16.7315, 15.3204



30.2470, 39.3744, 6.0058



2.2804, 2.9330, 0.4459

Inverse Universe

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



59.7949, 60.2141, 81.8738



73.9751, 73.7709, 104.9480



63.5674, 62.1588, 82.0503



13.7310, 13.9635, 18.1159



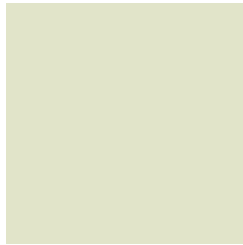
8.3718, 3.3817, 42.5947



0.6686, 0.2756, 3.1499

Previews

White Background



This preview shows how the XYZ color 69.3374, 75.7114, 66.2176 looks on a white background.

Color Contrast Check

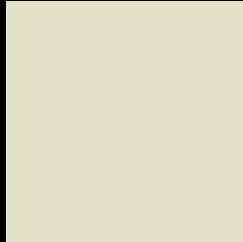
Large Text (above 18pt) WCAG AA × Fail

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 69.3374, 75.7114, 66.2176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

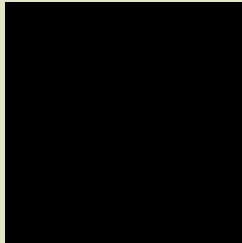
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

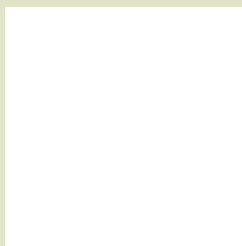
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3374, 75.7114, 66.2176

Background



This preview shows how black text looks on a background with the XYZ color 69.3374, 75.7114, 66.2176.



This preview shows how white text looks on a background with the XYZ color 69.3374, 75.7114,

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

69.3374, 75.7114, 66.2176

Protanopia

71.8261, 75.8068, 64.8794

Deuteranopia

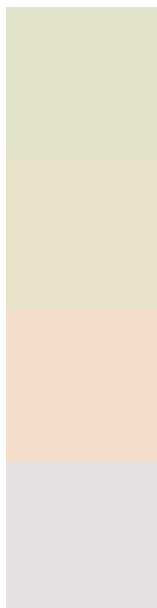
76.8323, 75.1975, 66.9650



Tritanopia

74.8044, 75.5227, 93.0728

Trichromacy



Original Color

69.3374, 75.7114, 66.2176

Protanomaly

70.9004, 75.7186, 65.5219

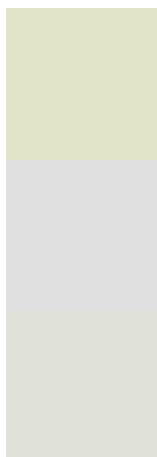
Deuteranomaly

73.8253, 75.2103, 66.5031

Tritanomaly

72.6962, 75.4603, 82.6853

Monochromacy



Original Color

69.3374, 75.7114, 66.2176

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.0604, 74.6556, 75.6831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3374, 75.7114, 66.2176 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, 228, 201) looks like.

```
.text, #text, p{  
    color:rgb(225, 228, 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(225, 228, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 228, 201) }
```

Border

The CSS property to change the border of an element to XYZ 69.3374, 75.7114, 66.2176 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, 228, 201) }
```


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

```
.border{ border-color:rgb(225, 228, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 228, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 228, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 228, 201);  
box-shadow:4px 4px 4px 4px rgb(225, 228,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3374, 75.7114, 66.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 228, 201) }
```

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

```
.background{ background-color: rgb(225,  
228, 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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