

Converting Colors

XYZ(69.3268, 75.0224, 66.3314)

Have a look what the booklet for
XYZ(69.3268, 75.0224, 66.3314)
contains.

XYZ(69.1030, 74.7785, 66.0499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.1030, 74.7785,
66.0499)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2C9
RGB	226, 226, 201
RGB Percent	89%, 89%, 79%
CMY	0.1137, 0.1137, 0.2118
CMYK	0.00, 0.00, 0.11, 0.11
HSL	60°, 30%, 84%
HSV	60°, 11%, 89%
XYZ	69.1030, 74.7785, 66.0499
YIQ	223.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

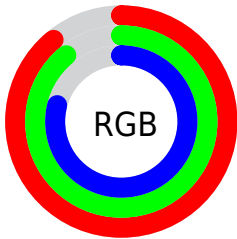
Format	Color
R_{YB}	201, 226, 201
Decimal	14869193
CIE _{Lab}	89.29, -4.24, 12.23
CIE _{LCh}	89, 12.942, 109.106
Yxy	74.7785, 0.3292, 0.3562
Android (android.graphics.Color)	4293059273 (0xFFE2E2C9)
YUV	223.1500, -10.9199, 2.4995
Hunter-Lab	86.4746, -8.6887, 15.2461

Details

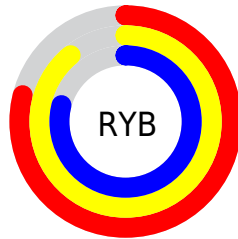
The XYZ color **69.1030, 74.7785, 66.0499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7044, 59.6838, 80.3816**, and the grayscale version is **70.3187, 73.9808, 80.5651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6240, 39.8903, 33.3731** is the 20% darker color. If you saturate the color by 10%, you get **66.6371, 73.7945, 53.0626**, and if you desaturate by 10%, it is **71.9642, 75.9256, 81.1007**.

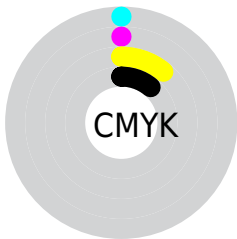
Distribution



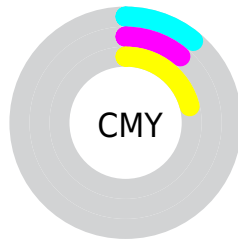
- Red (89%)
- Green (89%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1030, 74.7785, 66.0499 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 69.1030, 74.7785, 66.0499 by changing the saturation by 10% instead.

■ 69.1030, 74.7785,
66.0499

■ 69.1030, 74.7785,
66.0499

446.7099,
477.1559, 464.9644

■ 51.0725, 55.4314,
47.8562

116.9619,
125.9988, 115.1856

■ 36.4876, 39.7473,
33.3538

147.5211,
158.6408, 146.9647

■ 24.9829, 27.3415,
22.1243

182.9873,
196.4832, 184.1093

■ 16.1930, 17.8299,
13.7491

223.7258,
239.9105, 227.0380

■ 9.7525, 10.8279,
7.8096

270.1019,
289.3070, 276.1694

■ 5.2962, 5.9513,
3.8873

322.4810,

■ 2.4586, 2.8155,

345.0572, 331.9218

1.5637

381.2286,
407.5453, 394.7140

■ 0.8744, 1.0362,
0.2647

■ 0.0000, 0.0000,
0.0000

■ 69.1030, 74.7785,
66.0499

■ 69.1030, 74.7785,
66.0499

■ 66.6371, 73.7945,
53.0626

■ 71.9642, 75.9256,
81.1007

■ 64.5435, 72.9569,
42.0443

■ 75.2305, 77.2323,
98.2943

■ 62.8058, 72.2616,
32.9005

■ 76.6161, 77.7867,
105.5840

■ 61.4042, 71.7009,
25.5269

■ 76.6174, 77.7873,
105.5840

■ 60.3171, 71.2659,
19.8089

■ 76.6187, 77.7880,
105.5841

■ 59.5201, 70.9469,
15.6188

■ 76.6200, 77.7887,
105.5841

■ 58.9854, 70.7329,
12.8101

■ 76.6213, 77.7893,
105.5842

■ 58.6798, 70.6105,
11.2075

■ 76.6226, 77.7900,
105.5843

■ 58.5506, 70.5587,
10.5332

■ 76.6239, 77.7907,
105.5843

Harmonies

Analogous

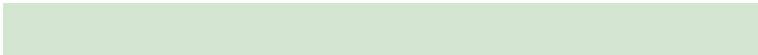
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2301, 74.7785, 65.4901



69.1030, 74.7785, 66.0499



66.5767, 74.7785, 70.5446

Triad

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



69.1030, 74.7785, 66.0499



67.1679, 74.7785, 95.3069



77.2144, 74.7785, 84.7567

Complementary

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



69.1030, 74.7785, 66.0499



58.7044, 59.6838, 80.3816

Split Complementary

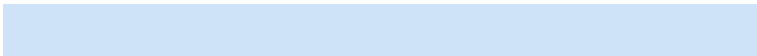
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7709, 74.7785, 93.3617



69.1030, 74.7785, 66.0499



69.9317, 74.7785, 99.7463

Square

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



69.1030, 74.7785, 66.0499



65.4826, 74.7785, 87.2550



73.0836, 74.7785, 99.0092



76.9765, 74.7785, 75.8531

Rectangle

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



69.1030, 74.7785, 66.0499



65.5441, 74.7785, 75.3671



73.0836, 74.7785, 99.0092



76.9080, 74.7785, 87.7909

Sweetspot

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



69.1050, 74.7818, 66.0515



93.8421, 99.5168, 102.5418



62.7956, 62.1609, 63.9480



20.0187, 21.2737, 21.5937



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.



69.1050, 74.7818, 66.0515



90.1625, 98.0447, 83.1743



65.3276, 72.8344, 65.8747



14.8716, 16.0295, 14.6170



33.4014, 40.2516, 6.0089



2.3153, 2.7901, 0.4165

Inverse Universe

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



58.7044, 59.6838, 80.3816



74.2116, 74.8898, 105.1515



62.2022, 61.4870, 80.5453



12.9523, 13.2435, 17.2613



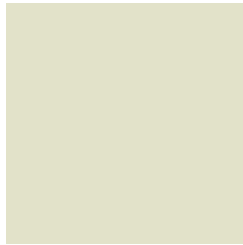
7.8319, 3.1328, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 69.1030, 74.7785, 66.0499 looks on a white background.

Color Contrast Check

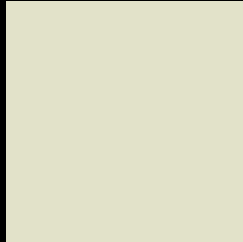
Large Text (above 18pt) WCAG AA × Fail

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 69.1030, 74.7785, 66.0499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

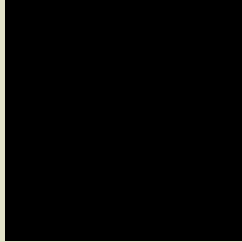
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

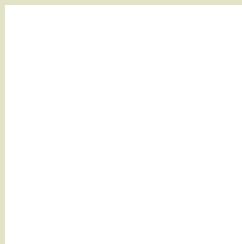
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1030, 74.7785, 66.0499

Background



This preview shows how black text looks on a background with the XYZ color 69.1030, 74.7785, 66.0499.

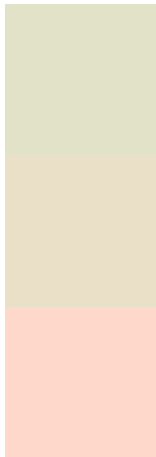


This preview shows how white text looks on a background with the XYZ color 69.1030, 74.7785,

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

69.1030, 74.7785, 66.0499

Protanopia

71.0127, 74.9739, 65.3722

Deuteranopia

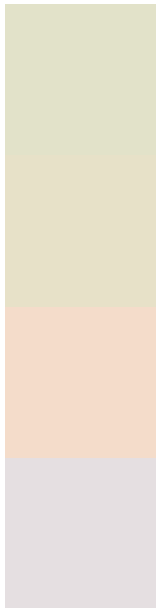
76.2084, 74.4944, 66.8621



Tritanopia

74.2441, 74.8749, 91.4281

Trichromacy



Original Color

69.1030, 74.7785, 66.0499

Protanomaly

70.3055, 75.0095, 65.4164

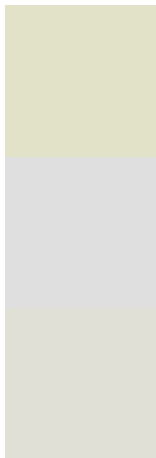
Deuteranomaly

73.5621, 74.6838, 66.4154

Tritanomaly

72.2914, 74.8696, 81.8753

Monochromacy



Original Color

69.1030, 74.7785, 66.0499

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.6619, 74.0649, 74.9144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1030, 74.7785, 66.0499 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(226, 226, 201) looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 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(226, 226, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 201) }
```

Border

The CSS property to change the border of an element to XYZ 69.1030, 74.7785, 66.0499 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(226, 226, 201) }
```


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

```
.border{ border-color:rgb(226, 226, 201) }
```

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

Here you see how a box with a 4 pixel rgb(226, 226, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1030, 74.7785, 66.0499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 201) }
```

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

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