

Converting Colors

XYZ(69.3443, 74.8405, 61.1439)

Have a look what the booklet for
XYZ(69.3443, 74.8405, 61.1439)
contains.

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Color

**XYZ(69.4551, 75.0660,
61.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E2C1
RGB	230, 226, 193
RGB Percent	90%, 89%, 76%
CMY	0.0980, 0.1137, 0.2431
CMYK	0.00, 0.02, 0.16, 0.10
HSL	54°, 43%, 83%
HSV	54°, 16%, 90%
XYZ	69.4551, 75.0660, 61.2806
YIQ	223.4340, 12.9770, -9.4150

Conversions

Conversions Part 2

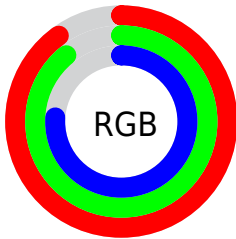
Format	Color
R_{YB}	197, 230, 193
Decimal	15131329
CIE Lab	89.42, -4.05, 16.64
CIE LCh	89, 17.125, 103.695
Yxy	75.0660, 0.3375, 0.3647
Android (android.graphics.Color)	4293321409 (0xFFE6E2C1)
YUV	223.4340, -15.0040, 5.7584
Hunter-Lab	86.6406, -8.5273, 18.7128

Details

The XYZ color **69.4551, 75.0660, 61.2806** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.2413, 56.9818, 82.8977**, and the grayscale version is **70.5466, 74.2205, 80.8261**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **36.6787, 39.9886, 30.2115** is the 20% darker color. If you saturate the color by 10%, you get **66.4167, 72.7805, 48.5786**, and if you desaturate by 10%, it is **72.9064, 77.5374, 76.0907**.

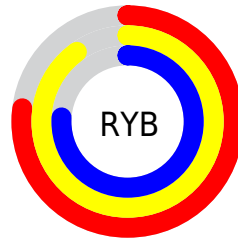
Distribution



Red (90%)

Green (89%)

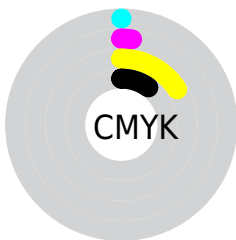
Blue (76%)



Red (77%)

Yellow (90%)

Blue (76%)

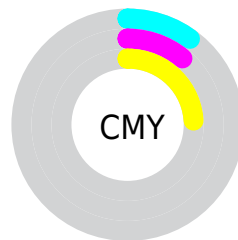


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4551, 75.0660, 61.2806 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 69.4551, 75.0660, 61.2806 by changing the saturation by 10% instead.

69.4551, 75.0660,
61.2806

69.4551, 75.0660,
61.2806

447.9308,
478.1444, 447.2371

51.3604, 55.6670,
44.0196

117.4619,
126.4058, 108.2466

36.7177, 39.9360,
30.3486

148.1047,
159.1153, 138.7887

25.1617, 27.4886,
19.8491

183.6609,
197.0305, 174.5950

16.3269, 17.9405,
12.1024

224.4959,
240.5356, 216.0839

9.8481, 10.9073,
6.6901

270.9750,
290.0152, 263.6740

5.3599, 6.0045,
3.1935

323.4636,

2.4968, 2.8478,

345.8536, 317.7839

1.1943

382.3271,
408.4352, 378.8321

■ 0.8937, 1.0528,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4551, 75.0660,
61.2806

■ 69.4551, 75.0660,
61.2806

■ 66.4167, 72.7805,
48.5786

■ 72.9064, 77.5374,
76.0907

■ 63.7667, 70.6634,
37.8830


■ 76.7818, 80.1916,
93.0946


■ 61.4873, 68.7100,
29.0910


■ 79.9514, 82.5793,
106.3332


■ 59.5568, 66.9117,
22.0886


■ 80.6612, 83.9989,
106.5698

 57.9513, 65.2587,
16.7499


 81.3809, 85.4384,
106.8098

 56.6436, 63.7402,
12.9323


 82.1107, 86.8978,
107.0530


 55.6021, 62.3434,
10.4695

 82.8504, 88.3773,
107.2996

 54.7875, 61.0526,
9.1552

 83.6002, 89.8769,
107.5495

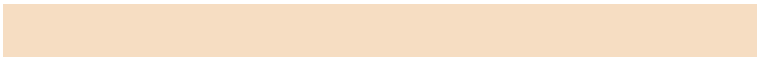
 54.5048, 60.5660,
8.8177

 84.3601, 91.3967,
107.8028

Harmonies

Analogous

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



73.6367, 75.0660, 61.5056



69.4551, 75.0660, 61.2806



65.9192, 75.0660, 66.1427

Triad

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



69.4551, 75.0660, 61.2806



65.6731, 75.0660, 98.7551



79.3736, 75.0660, 88.3930

Complementary

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



69.4551, 75.0660, 61.2806



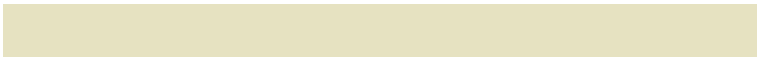
56.2413, 56.9818, 82.8977

Split Complementary

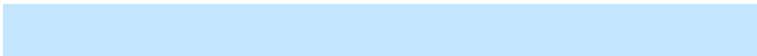
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0670, 75.0660, 99.6013



69.4551, 75.0660, 61.2806



69.1072, 75.0660, 105.9728

Square

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



69.4551, 75.0660, 61.2806



63.7941, 75.0660, 87.3268



73.2749, 75.0660, 106.2969



79.4757, 75.0660, 76.3855

Rectangle

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



69.4551, 75.0660, 61.2806



64.3582, 75.0660, 71.9180



73.2749, 75.0660, 106.2969



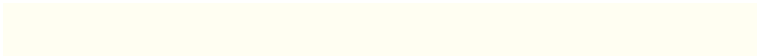
78.8264, 75.0660, 92.4051

Sweetspot

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



69.4571, 75.0693, 61.2822



92.6270, 98.3307, 98.2992



61.8183, 59.0097, 61.1466



19.7555, 20.9976, 20.7333



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.



69.4571, 75.0693, 61.2822



86.5614, 93.9707, 72.3193



66.1879, 75.0155, 61.4441



15.4617, 16.5373, 15.2816



30.9123, 34.3988, 5.0104



2.3226, 2.6185, 0.3830

Inverse Universe

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



56.2413, 56.9818, 82.8977



67.1454, 67.3983, 104.0780



59.1371, 57.1460, 82.7767



13.7075, 14.1363, 18.1505



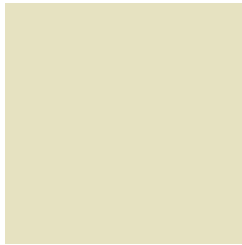
8.3237, 3.7095, 42.6605



0.6573, 0.3586, 3.1665

Previews

White Background



This preview shows how the XYZ color 69.4551, 75.0660, 61.2806 looks on a white background.

Color Contrast Check

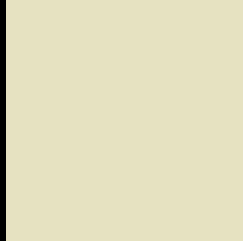
Large Text (above 18pt) WCAG AA × Fail

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 69.4551, 75.0660, 61.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

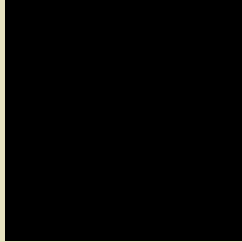
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

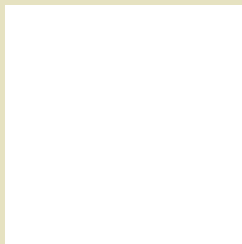
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4551, 75.0660, 61.2806

Background



This preview shows how black text looks on a background with the XYZ color 69.4551, 75.0660, 61.2806.



This preview shows how white text looks on a background with the XYZ color 69.4551, 75.0660,

61.2806.

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

69.4551, 75.0660, 61.2806

Protanopia

70.7622, 74.9499, 60.6064

Deuteranopia

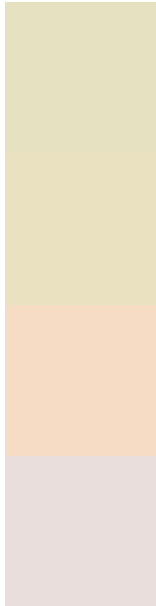
76.1309, 74.9169, 63.2712



Tritanopia

75.4713, 75.1337, 90.6452

Trichromacy



Original Color

69.4551, 75.0660, 61.2806

Protanomaly

70.3713, 75.1486, 60.6653

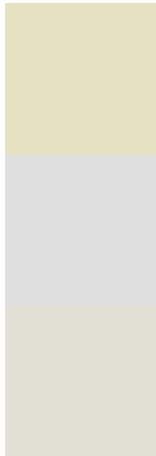
Deuteranomaly

73.5630, 74.7648, 62.7784

Tritanomaly

73.1041, 74.9554, 79.0215

Monochromacy



Original Color

69.4551, 75.0660, 61.2806

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.9034, 74.2335, 72.9316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4551, 75.0660, 61.2806 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(230, 226, 193)` looks like.

```
.text, #text, p{  
    color:rgb(230, 226, 193)  
}
```

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(230, 226, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 226, 193) }
```

Border

The CSS property to change the border of an element to XYZ 69.4551, 75.0660, 61.2806 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(230, 226, 193) }
```


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

```
.border{ border-color:rgb(230, 226, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 226, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 226, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 226, 193); box-shadow:4px 4px 4px 4px rgb(230, 226, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4551, 75.0660, 61.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 226, 193) }
```

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

```
.background{ background-color: rgb(230,  
226, 193) }
```

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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