

Converting Colors

XYZ(71.8141, 75.8405, 63.0782)

Have a look what the booklet for
XYZ(71.8141, 75.8405, 63.0782)
contains.

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Color

**XYZ(71.8141, 75.8405,
63.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1C4
RGB	237, 225, 196
RGB Percent	93%, 88%, 77%
CMY	0.0706, 0.1176, 0.2314
CMYK	0.00, 0.05, 0.17, 0.07
HSL	42°, 53%, 85%
HSV	42°, 17%, 93%
XYZ	71.8141, 75.8405, 63.0782
YIQ	225.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

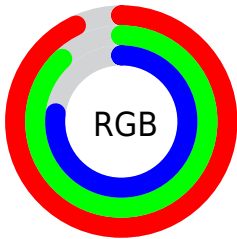
Format	Color
R _Y B	213, 237, 196
Decimal	15589828
CIE Lab	89.79, -0.57, 15.66
CIE LCh	90, 15.673, 92.084
Yxy	75.8405, 0.3408, 0.3599
Android (android.graphics.Color)	4293779908 (0xFFEDE1C4)
YUV	225.2820, -14.4360, 10.2767
Hunter-Lab	87.0865, -5.2048, 18.0158

Details

The XYZ color **71.8141, 75.8405, 63.0782** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.6066, 62.9606, 89.0797**, and the grayscale version is **71.8649, 75.6075, 82.3366**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **38.3133, 40.5262, 31.3942** is the 20% darker color. If you saturate the color by 10%, you get **67.4908, 71.1750, 49.3628**, and if you desaturate by 10%, it is **76.6438, 80.8355, 79.0665**.

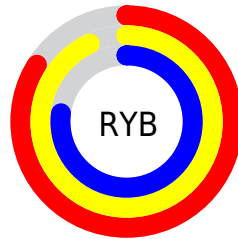
Distribution



Red (93%)

Green (88%)

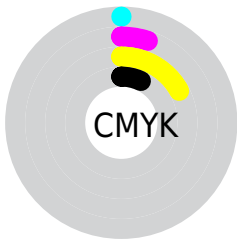
Blue (77%)



Red (84%)

Yellow (93%)

Blue (77%)

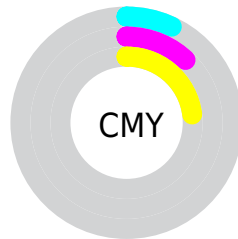


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8141, 75.8405, 63.0782 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 71.8141, 75.8405, 63.0782 by changing the saturation by 10% instead.

71.8141, 75.8405,
63.0782

71.8141, 75.8405,
63.0782

456.0620,
480.8015, 453.9690

53.2918, 56.3017,
45.4631

120.8044,
127.5014, 110.8690

38.2641, 40.4449,
31.4767

152.0031,
160.3924, 141.8817

26.3659, 27.8856,
20.7006

188.1580,
198.5028, 178.1974

17.2317, 18.2394,
12.7162

229.6343,
242.2172, 220.2346

10.4961, 11.1220,
7.1050

276.7975,
291.9198, 268.4118

5.7939, 6.1490,
3.4484

330.0130,

2.7596, 2.9359,

347.9952, 323.1476

1.3279

389.6460,
410.8276, 384.8605

■ 1.0280, 1.0983,
0.0845

■ 0.0000, 0.0000,
0.0000

■ 71.8141, 75.8405,
63.0782

■ 71.8141, 75.8405,
63.0782

■ 67.4908, 71.1750,
49.3628

■ 76.6438, 80.8355,
79.0665

■ 63.6470, 66.8191,
37.8101

■ 81.9932, 86.1590,
97.4214

■ 60.2622, 62.7658,
28.3079

■ 85.8725, 91.0191,
107.6502

■ 57.3119, 59.0037,
20.7319

■ 88.0189, 95.3119,
108.3657

■ 54.7691, 55.5206,
14.9442

■ 88.7353, 96.7447,
108.6045

■ 52.6032, 52.3026,
10.7885

■ 50.7784, 49.3339,
8.0812

■ 49.2481, 46.5942,
6.5817

■ 48.8657, 45.8855,
6.2813

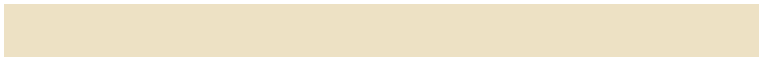
Harmonies

Analogous

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



75.6204, 75.8405, 65.1588



71.8141, 75.8405, 63.0782



68.2075, 75.8405, 65.8222

Triad

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



71.8141, 75.8405, 63.0782



65.9679, 75.8405, 94.4088



78.8538, 75.8405, 92.9501

Complementary

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



71.8141, 75.8405, 63.0782



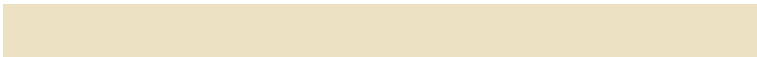
60.6066, 62.9606, 89.0797

Split Complementary

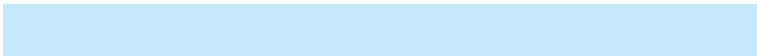
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1049, 75.8405, 101.9589



71.8141, 75.8405, 63.0782



68.6599, 75.8405, 102.8527

Square

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



71.8141, 75.8405, 63.0782



64.9082, 75.8405, 83.3541



72.3548, 75.8405, 105.7304



79.7704, 75.8405, 81.8055

Rectangle

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



71.8141, 75.8405, 63.0782



66.3776, 75.8405, 70.1746



72.3548, 75.8405, 105.7304



78.1087, 75.8405, 96.3617

Sweetspot

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



71.8161, 75.8439, 63.0798



91.8861, 96.8489, 98.0522



66.0879, 62.0542, 68.3636



19.5749, 20.6366, 20.6732



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.



71.8161, 75.8439, 63.0798



82.7998, 87.4265, 68.0473



72.4980, 81.1797, 64.0738



15.9582, 16.8393, 15.9279



26.7975, 25.2893, 3.4689



2.1867, 2.1506, 0.2999

Inverse Universe

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



60.6066, 62.9606, 89.0797



67.1015, 69.3860, 104.4639



59.9836, 58.4610, 88.2440



14.5903, 15.2670, 19.1001



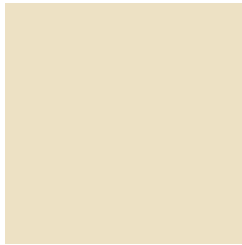
9.6173, 5.8816, 44.3713



0.8357, 0.6229, 3.5111

Previews

White Background



This preview shows how the XYZ color 71.8141, 75.8405, 63.0782 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 71.8141, 75.8405, 63.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

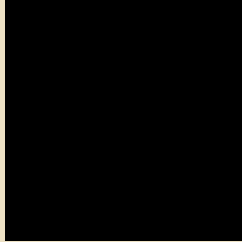
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8141, 75.8405, 63.0782

Background



This preview shows how black text looks on a background with the XYZ color 71.8141, 75.8405, 63.0782.



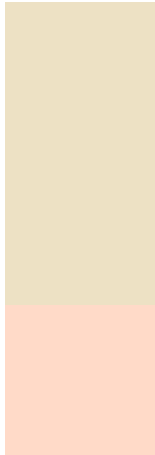
This preview shows how white text looks on a background with the XYZ color 71.8141, 75.8405,

63.0782.

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

71.8141, 75.8405, 63.0782

Protanopia

71.8141, 75.8405, 63.0782

Deuteranopia

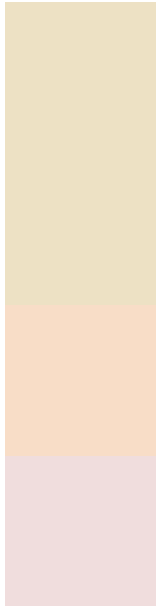
76.7367, 75.5729, 65.1862



Tritanopia

77.0898, 75.5964, 89.8854

Trichromacy



Original Color

71.8141, 75.8405, 63.0782

Protanomaly

71.8141, 75.8405, 63.0782

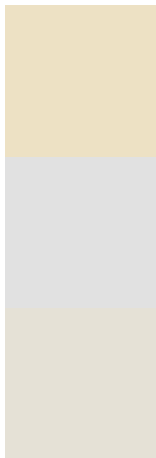
Deuteranomaly

74.8767, 75.7929, 64.7159

Tritanomaly

74.8428, 75.4586, 79.0269

Monochromacy



Original Color

71.8141, 75.8405, 63.0782

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.3759, 75.3635, 74.4030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8141, 75.8405, 63.0782 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(237, 225, 196)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 196)  
}
```

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(237, 225, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 196) }
```

Border

The CSS property to change the border of an element to XYZ 71.8141, 75.8405, 63.0782 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(237, 225, 196) }
```


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

```
.border{ border-color:rgb(237, 225, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 225, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 225, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 225, 196); box-shadow:4px 4px 4px 4px rgb(237, 225, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8141, 75.8405, 63.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 196) }
```

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

```
.background{ background-color: rgb(237,  
225, 196) }
```

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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