

# Converting Colors

XYZ(73.6261, 81.7871, 62.9449)

Have a look what the booklet for  
XYZ(73.6261, 81.7871, 62.9449)  
contains.

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# Color

**XYZ(73.6261, 81.7871,  
62.9449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9EDC2
RGB	233, 237, 194
RGB Percent	91%, 93%, 76%
CMY	0.0863, 0.0706, 0.2392
CMYK	0.02, 0.00, 0.18, 0.07
HSL	66°, 54%, 85%
HSV	66°, 18%, 93%
XYZ	73.6261, 81.7871, 62.9449
YIQ	230.9020, 11.4190, -14.2210

# Conversions

## Conversions Part 2

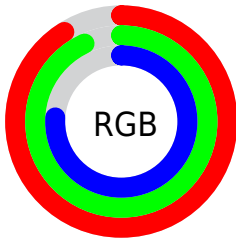
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 237, 198</a>
Decimal	<a href="#">15330754</a>
<a href="#">CIELab</a>	<a href="#">92.48, -8.39, 20.43</a>
<a href="#">CIElCh</a>	<a href="#">92, 22.084, 112.330</a>
<a href="#">Yxy</a>	<a href="#">81.7871, 0.3372, 0.3746</a>
Android (android.graphics.Color)	<a href="#">4293520834</a> (0xFFE9EDC2)
<a href="#">YUV</a>	<a href="#">230.9020, -18.1927, 1.8399</a>
<a href="#">Hunter-Lab</a>	<a href="#">90.4362, -12.9426, 22.0387</a>

# Details

The XYZ color **73.6261, 81.7871, 62.9449** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.8697, 56.7059, 88.0206**, and the grayscale version is **76.0097, 79.9682, 87.0853**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **39.3890, 44.2883, 31.2834** is the 20% darker color. If you saturate the color by 10%, you get **70.4585, 80.4401, 49.9928**, and if you desaturate by 10%, it is **77.2316, 83.3158, 78.1368**.

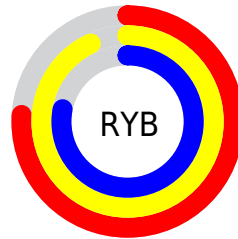
# Distribution



Red (91%)

Green (93%)

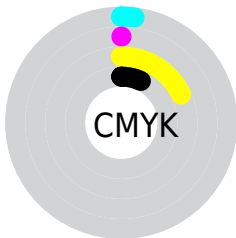
Blue (76%)



Red (76%)

Yellow (93%)

Blue (78%)

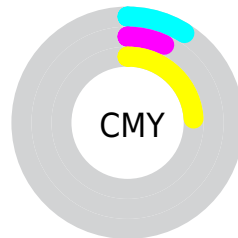


Cyan (2%)

Magenta (0%)

Yellow (18%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6261, 81.7871, 62.9449 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 73.6261, 81.7871, 62.9449 by changing the saturation by 10% instead.



73.6261, 81.7871,  
62.9449

73.6261, 81.7871,  
62.9449

462.2522,  
500.9353, 453.4719

54.7783, 61.1901,  
45.3559

123.3640,  
135.8754, 110.6748

39.4574, 44.3786,  
31.3929

154.9847,  
170.1355, 141.6528

27.2980, 30.9682,  
20.6372

191.5939,  
209.7186, 177.9310

17.9349, 20.5747,  
12.6704

233.5567,  
255.0093, 219.9277

11.0027, 12.8135,  
7.0740

281.2386,  
306.3920, 268.0617

6.1359, 7.3002,  
3.4292

335.0049,

2.9694, 3.6506,

364.2509, 322.7513

1.3178

395.2210,  
428.9705, 384.4152

■ 1.1376, 1.4801,  
0.0763

■ 0.0562, 0.2746,  
0.0000

■ 73.6261, 81.7871,  
62.9449

■ 73.6261, 81.7871,  
62.9449

■ 70.4585, 80.4401,  
49.9928

■ 77.2316, 83.3158,  
78.1368

■ 67.7023, 79.2559,  
39.1694


■ 81.2873, 85.0229,  
95.6619


■ 65.3378, 78.2294,  
30.3623


■ 84.1432, 86.2511,  
106.8211

■ 63.3412, 77.3512,  
23.4463


■ 84.8956, 86.6390,  
106.8563


 61.6863, 76.6106,  
18.2826


 85.6571, 87.0316,  
106.8919

 60.3428, 75.9956,  
14.7133


 86.4279, 87.4289,  
106.9280


 59.2756, 75.4922,  
12.5520

 87.2078, 87.8310,  
106.9645

 58.4349, 75.0804,  
11.5384

 87.9970, 88.2379,  
107.0014

 58.2904, 75.0087,  
11.4059

 88.7954, 88.6495,  
107.0388

# Harmonies

## Analogous

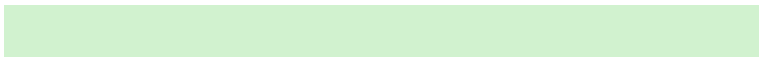
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2155, 81.7871, 61.3063



73.6261, 81.7871, 62.9449



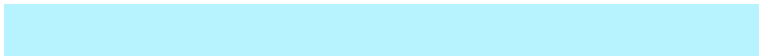
69.3399, 81.7871, 71.1331

# Triad

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



73.6261, 81.7871, 62.9449



71.1978, 81.7871, 116.4266



89.1706, 81.7871, 93.3289

# Complementary

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



73.6261, 81.7871, 62.9449



57.8697, 56.7059, 88.0206

# Split Complementary

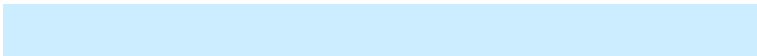
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7843, 81.7871, 109.7532



73.6261, 81.7871, 62.9449



76.2754, 81.7871, 124.1143

# Square

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



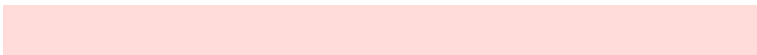
73.6261, 81.7871, 62.9449



67.9866, 81.7871, 101.5827



81.9965, 81.7871, 121.5331



88.3759, 81.7871, 77.5971

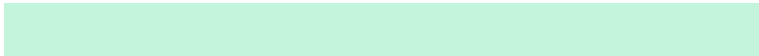


# Rectangle

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



73.6261, 81.7871, 62.9449



67.7069, 81.7871, 79.8168



81.9965, 81.7871, 121.5331



88.7100, 81.7871, 98.9739

# Sweetspot

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



73.6283, 81.7907, 62.9466



92.6291, 98.9813, 98.4246



64.7643, 62.0997, 59.6131



19.7560, 21.1564, 20.7639



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.



73.6283, 81.7907, 62.9466



85.4010, 95.9214, 67.9855



67.1521, 78.4521, 62.6436



16.2056, 17.5515, 16.0524



31.8827, 40.9806, 6.2297



2.5440, 3.2388, 0.4911



# Inverse Universe

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



57.8697, 56.7059, 88.0206



63.3865, 60.8759, 103.0171



63.8189, 59.7729, 88.2990



14.3613, 14.6160, 18.9865



8.5743, 3.4562, 43.9582

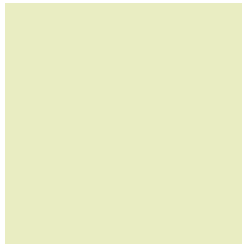


0.7178, 0.2943, 3.4539



# Previews

## White Background



This preview shows how the XYZ color 73.6261, 81.7871, 62.9449 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

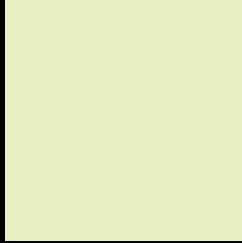
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.6261, 81.7871, 62.9449 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

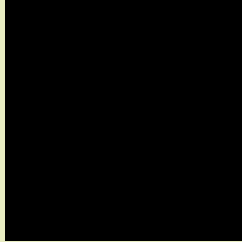
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

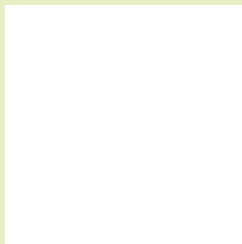
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 73.6261, 81.7871, 62.9449**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.6261, 81.7871, 62.9449.



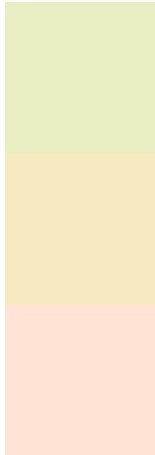
This preview shows how white text looks on a background with the XYZ color 73.6261, 81.7871,



# 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

73.6261, 81.7871, 62.9449

### Protanopia

77.0111, 81.8578, 61.6104

### Deuteranopia

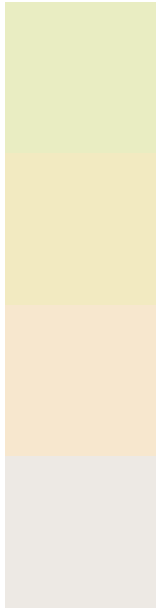
80.9936, 81.5509, 74.4229



## Tritanopia

81.1753, 81.8962, 100.3361

# Trichromacy



## Original Color

73.6261, 81.7871, 62.9449

## Protanomaly

75.6664, 81.5731, 62.2092

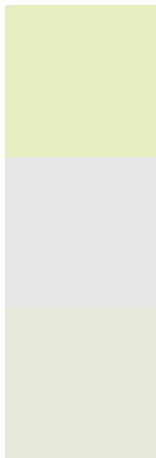
## Deuteranomaly

78.0743, 81.3822, 69.9859

## Tritanomaly

78.0676, 81.8838, 85.0893

# Monochromacy



## Original Color

73.6261, 81.7871, 62.9449

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

75.0725, 80.4956, 77.9101

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.6261, 81.7871, 62.9449 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(233, 237, 194)` looks like.

```
.text, #text, p{  
    color:rgb(233, 237, 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(233, 237, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 237, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 73.6261, 81.7871, 62.9449 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(233, 237, 194) }
```



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

```
.border{ border-color:rgb(233, 237, 194) }
```

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

Here you see how a box with a 4 pixel rgb(233, 237, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 237, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 237, 194);  
box-shadow:4px 4px 4px 4px rgb(233, 237,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.6261, 81.7871, 62.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 237, 194) }
```

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

```
.background{ background-color: rgb(233,  
237, 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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