

# Converting Colors

XYZ(73.0631, 75.8213, 77.5661)

Have a look what the booklet for  
XYZ(73.0631, 75.8213, 77.5661)  
contains.

<b>XYZ(73.0461, 75.7494, 77.7890)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(73.0461, 75.7494,  
77.7890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9E0DB
RGB	233, 224, 219
RGB Percent	91%, 88%, 86%
CMY	0.0863, 0.1215, 0.1412
CMYK	0.00, 0.04, 0.06, 0.09
HSL	21°, 24%, 89%
HSV	21°, 6%, 91%
XYZ	73.0461, 75.7494, 77.7890
YIQ	226.1210, 6.9690, 0.3530

# Conversions

## Conversions Part 2

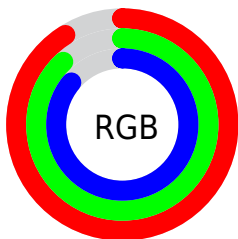
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 227, 219
Decimal	15327451
CIE Lab	89.74, 2.20, 3.52
CIE LCh	90, 4.154, 57.991
Yxy	75.7494, 0.3224, 0.3343
Android (android.graphics.Color)	4293517531 (0xFFE9E0DB)
YUV	226.1210, -3.5107, 6.0329
Hunter-Lab	87.0341, -2.4981, 7.9319

# Details

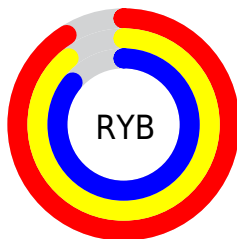
The XYZ color **73.0461, 75.7494, 77.7890** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6647, 76.4289, 88.0668**, and the grayscale version is **72.3991, 76.1695, 82.9486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0203, 40.4034, 40.8640** is the 20% darker color. If you saturate the color by 10%, you get **66.3433, 66.9133, 61.4655**, and if you desaturate by 10%, it is **80.5369, 85.4726, 96.4953**.

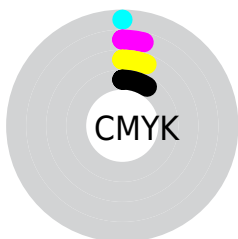
# Distribution



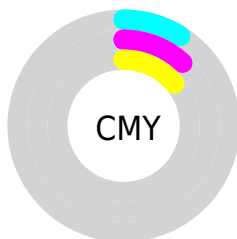
- Red (91%)
- Green (88%)
- Blue (86%)



- Red (91%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0461, 75.7494, 77.7890 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 73.0461, 75.7494, 77.7890 by changing the saturation by 10% instead.



73.0461, 75.7494,  
77.7890

73.0461, 75.7494,  
77.7890

460.2759,  
480.4894, 506.9589

54.3022, 56.2270,  
57.3852

122.5454,  
127.3726, 132.0358

39.0749, 40.3850,  
40.9032

154.0315,  
160.2422, 166.7159

26.9990, 27.8388,  
27.9243

190.4958,  
198.3298, 206.9919

17.7091, 18.2042,  
18.0301

232.3034,  
242.0196, 253.2823

10.8397, 11.0967,  
10.8019

279.8199,  
291.6960, 306.0057

6.0257, 6.1319,  
5.8213

333.4106,

2.9015, 2.9255,

347.7436, 365.5805

2.6697

393.4408,  
410.5466, 432.4254

■ 1.1019, 1.0929,  
0.9281

■ 0.0267, 0.0000,  
0.0000

■ 73.0461, 75.7494,  
77.7890

■ 73.0461, 75.7494,  
77.7890

■ 66.3433, 66.9133,  
61.4655

■ 80.5369, 85.4726,  
96.4953

■ 60.3952, 58.9290,  
47.4234

■ 87.0804, 95.3953,  
108.4312

■ 55.1757, 51.7733,  
35.5613

■ 87.4147, 96.0638,  
108.5427

■ 50.6544, 45.4183,  
25.7683

■ 46.7985, 39.8343,  
17.9233

■ 43.5725, 34.9897,  
11.8927

■ 40.9370, 30.8503,  
7.5258

■ 38.8472, 27.3786,  
4.6468

■ 37.2496, 24.5321,  
3.0390

# Harmonies

## Analogous

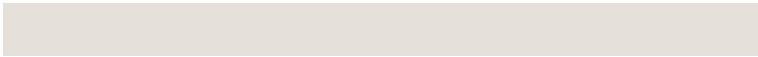
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7500, 75.7494, 79.8602



73.0461, 75.7494, 77.7890



72.0666, 75.7494, 76.9708

# Triad

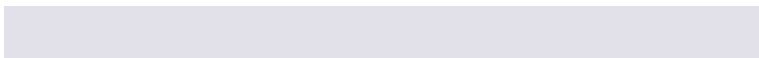
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0461, 75.7494, 77.7890



70.0479, 75.7494, 82.2807



72.9255, 75.7494, 87.5577

# Complementary

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



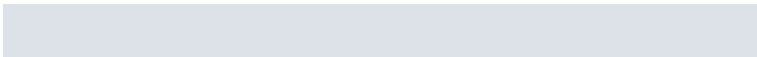
73.0461, 75.7494, 77.7890



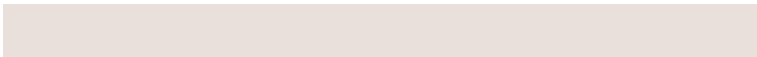
71.6647, 76.4289, 88.0668

# 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.



71.9285, 75.7494, 88.2423



73.0461, 75.7494, 77.7890



70.2731, 75.7494, 85.1528

# Square

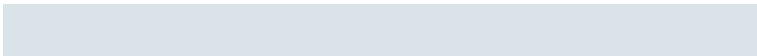
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0461, 75.7494, 77.7890



70.3410, 75.7494, 79.5256



70.9590, 75.7494, 87.3522



73.6799, 75.7494, 85.5030



# Rectangle

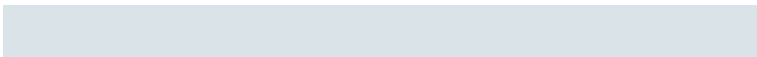
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



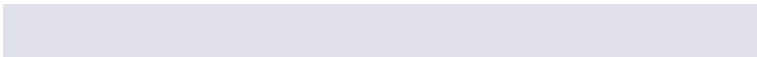
73.0461, 75.7494, 77.7890



71.3912, 75.7494, 77.2311



70.9590, 75.7494, 87.3522



72.6073, 75.7494, 87.9578

# Sweetspot

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



73.0482, 75.7527, 77.7906



93.2031, 97.6028, 104.2872



72.9543, 73.5948, 83.8327



19.9687, 20.9162, 22.3701



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

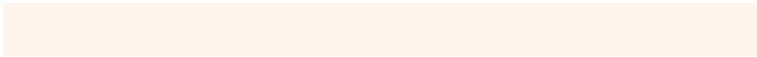


# Same Dimension

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



73.0482, 75.7527, 77.7906



88.7575, 91.8022, 93.2773



74.9394, 79.5350, 78.4210



15.7928, 16.3116, 16.4800



20.9417, 13.5776, 1.5170



1.7325, 1.2424, 0.1485

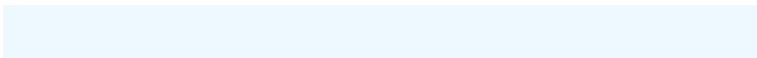


# Inverse Universe

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



71.6647, 76.4289, 88.0668



86.7834, 92.7669, 107.9396



69.8053, 72.7101, 87.4470



15.4139, 16.4967, 19.2940



14.6299, 15.9067, 46.0422

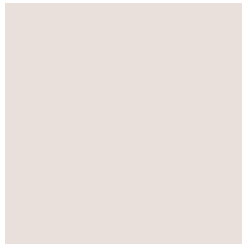


1.2391, 1.4297, 3.6455



# Previews

## White Background



This preview shows how the XYZ color 73.0461, 75.7494, 77.7890 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 73.0461, 75.7494, 77.7890 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

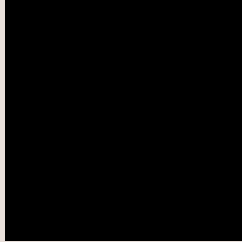
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

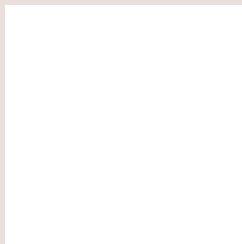
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 73.0461, 75.7494, 77.7890**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.0461, 75.7494, 77.7890.



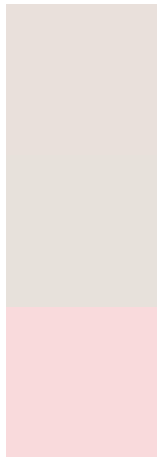
This preview shows how white text looks on a background with the XYZ color 73.0461, 75.7494,

77.7890.

# 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

73.0461, 75.7494, 77.7890

### Protanopia

72.6664, 75.9538, 77.8485

### Deuteranopia

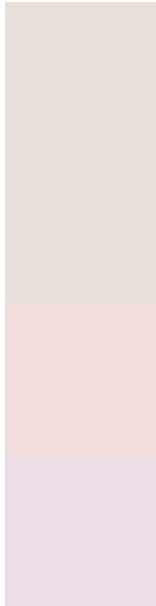
77.0566, 75.4499, 78.2121



## Tritanopia

75.8811, 75.7188, 91.5047

# Trichromacy



## Original Color

73.0461, 75.7494, 77.7890

## Protanomaly

72.9901, 76.1207, 77.8636

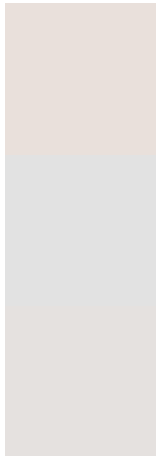
## Deuteranomaly

75.4736, 75.4084, 78.2875

## Tritanomaly

74.8060, 75.6742, 86.2652

# Monochromacy



## Original Color

73.0461, 75.7494, 77.7890

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.5576, 75.8362, 80.6257

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.0461, 75.7494, 77.7890 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, 224, 219) looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 219)  
}
```

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, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 73.0461, 75.7494, 77.7890 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, 224, 219) }
```



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

```
.border{ border-color:rgb(233, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 224,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.0461, 75.7494, 77.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 219) }
```

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

```
.background{ background-color: rgb(233,  
224, 219) }
```

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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