

# Converting Colors

XYZ(73.3469, 74.9031, 75.7396)

Have a look what the booklet for  
XYZ(73.3469, 74.9031, 75.7396)  
contains.

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# Color

**XYZ(73.1762, 74.6753,  
75.5227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDDDD8
RGB	237, 221, 216
RGB Percent	93%, 87%, 85%
CMY	0.0706, 0.1333, 0.1529
CMYK	0.00, 0.07, 0.09, 0.07
HSL	14°, 37%, 89%
HSV	14°, 9%, 93%
XYZ	73.1762, 74.6753, 75.5227
YIQ	225.2140, 11.1410, 1.8370

# Conversions

## Conversions Part 2

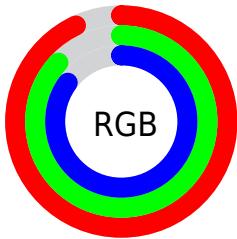
Format	Color
<b>R<sub>YB</sub></b>	237, 223, 216
Decimal	15588824
CIE <sub>Lab</sub>	89.24, 4.64, 4.41
CIE <sub>LCh</sub>	89, 6.400, 43.557
Yxy	74.6753, 0.3276, 0.3343
Android (android.graphics.Color)	4293778904 (0xFFE8DD8)
YUV	225.2140, -4.5425, 10.3363
Hunter-Lab	86.4149, -0.0720, 8.6736

# Details

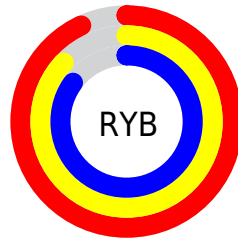
The XYZ color **73.1762, 74.6753, 75.5227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4614, 78.4253, 91.4402**, and the grayscale version is **71.7497, 75.4863, 82.2046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1253, 39.6694, 39.3130** is the 20% darker color. If you saturate the color by 10%, you get **65.8182, 64.5136, 59.0278**, and if you desaturate by 10%, it is **81.4929, 86.0454, 94.5192**.

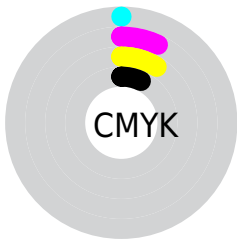
# Distribution



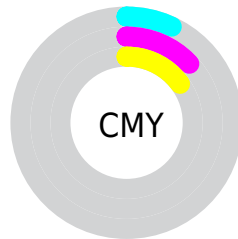
- Red (93%)
- Green (87%)
- Blue (85%)



- Red (93%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1762, 74.6753, 75.5227 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 73.1762, 74.6753, 75.5227 by changing the saturation by 10% instead.



73.1762, 74.6753,  
75.5227

73.1762, 74.6753,  
75.5227

460.7196,  
476.8008, 499.0155

54.4089, 55.3469,  
55.5369

122.7291,  
125.8526, 128.8059

39.1607, 39.6796,  
39.4302

154.2455,  
158.4704, 162.9404

27.0660, 27.2888,  
26.7842

190.7422,  
196.2867, 202.6281

17.7597, 17.7902,  
17.1802

232.5847,  
239.6860, 248.2878

10.8762, 10.7995,  
10.1997

280.1384,  
289.0527, 300.3378

6.0503, 5.9322,  
5.4243

333.7685,

2.9167, 2.8039,

344.7711, 359.1967

2.4352

393.8405,  
407.2257, 425.2831

■ 1.1098, 1.0302,  
0.8055

■ 0.0333, 0.0000,  
0.0000

■ 73.1762, 74.6753,  
75.5227

■ 73.1762, 74.6753,  
75.5227

■ 65.8182, 64.5136,  
59.0278

■ 81.4929, 86.0454,  
94.5192

■ 59.3777, 55.5107,  
44.9253

■ 88.7355, 96.7447,  
108.6045

■ 53.8196, 47.6279,  
33.1046

■ 49.1041, 40.8204,  
23.4449

■ 45.1884, 35.0409,  
15.8140

■ 42.0255, 30.2378,  
10.0649

■ 39.5630, 26.3553,  
6.0309

■ 37.7414, 23.3311,  
3.5151

■ 36.4803, 21.0908,  
2.2258

# Harmonies

## Analogous

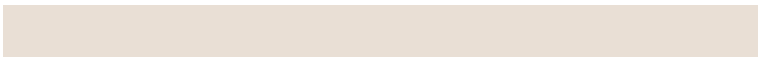
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9375, 74.6753, 79.3084



73.1762, 74.6753, 75.5227



71.8305, 74.6753, 73.3324

# Triad

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



73.1762, 74.6753, 75.5227



68.1340, 74.6753, 78.8974



71.6832, 74.6753, 89.9633

# Complementary

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



73.1762, 74.6753, 75.5227



72.4614, 78.4253, 91.4402

# 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.



70.1296, 74.6753, 89.8434



73.1762, 74.6753, 75.5227



68.0959, 74.6753, 83.3423

# Square

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



73.1762, 74.6753, 75.5227



68.9265, 74.6753, 75.2313



68.8216, 74.6753, 87.3829



73.0670, 74.6753, 87.7049

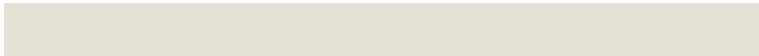


# Rectangle

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



73.1762, 74.6753, 75.5227



70.7904, 74.6753, 73.0198



68.8216, 74.6753, 87.3829



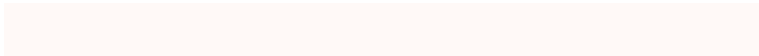
71.1632, 74.6753, 90.2023

# Sweetspot

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



73.1783, 74.6786, 75.5243



92.0117, 95.8554, 101.9315



74.0616, 72.9492, 86.5965



19.5243, 20.2847, 21.4289



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

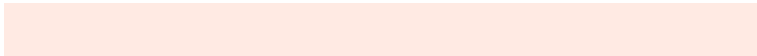


# Same Dimension

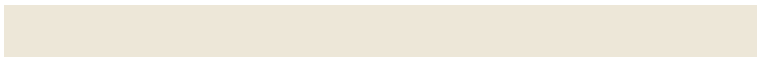
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1783, 74.6786, 75.5243



84.4170, 85.4408, 84.6793



76.0087, 80.3394, 76.4678



15.3569, 15.6367, 15.7275



19.9369, 11.5680, 1.1821

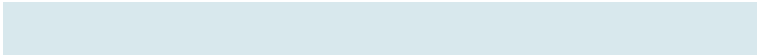


1.6382, 1.0536, 0.1170

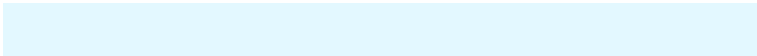


# Inverse Universe

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



72.4614, 78.4253, 91.4402



83.3774, 90.8719, 107.7533



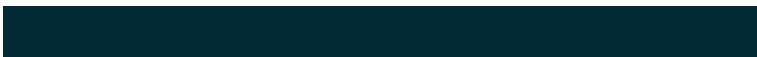
69.6211, 72.7448, 90.4934



15.1959, 16.4781, 19.3019



17.4207, 21.4884, 46.9725

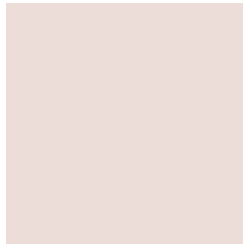


1.4410, 1.8335, 3.7128



# Previews

## White Background



This preview shows how the XYZ color 73.1762, 74.6753, 75.5227 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

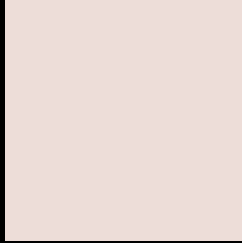
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.1762, 74.6753, 75.5227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

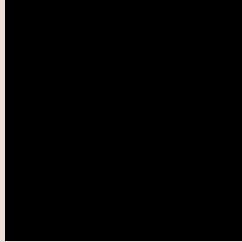
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

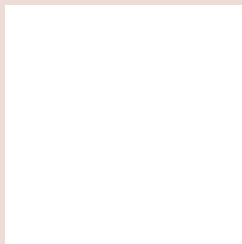
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 73.1762, 74.6753, 75.5227**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.1762, 74.6753, 75.5227.



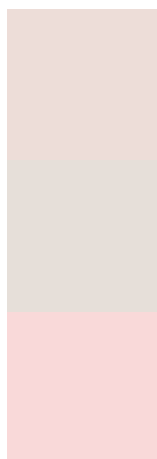
This preview shows how white text looks on a background with the XYZ color 73.1762, 74.6753,

75.5227.

# 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

73.1762, 74.6753, 75.5227

### Protanopia

71.5452, 74.6081, 76.2756

### Deuteranopia

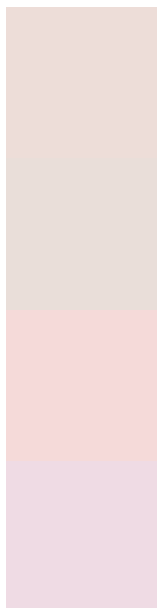
76.4042, 74.7752, 76.0518



## **Tritanopia**

76.0020, 74.6662, 89.0035

# Trichromacy



## Original Color

73.1762, 74.6753, 75.5227

## Protanomaly

72.2499, 74.5759, 76.2323

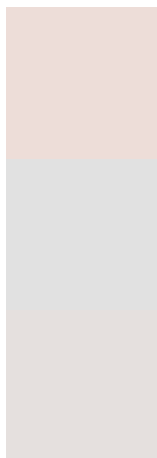
## Deuteranomaly

75.2520, 74.5650, 76.0719

## Tritanomaly

74.9317, 74.6152, 83.8516

# Monochromacy



## Original Color

73.1762, 74.6753, 75.5227

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.1536, 75.2432, 79.8277

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.1762, 74.6753, 75.5227 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, 221, 216) looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 216)  
}
```

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, 221, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 73.1762, 74.6753, 75.5227 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, 221, 216) }
```



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

```
.border{ border-color:rgb(237, 221, 216) }
```

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

Here you see how a box with a 4 pixel rgb(237, 221, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 216);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.1762, 74.6753, 75.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 216) }
```

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

```
.background{ background-color: rgb(237,  
221, 216) }
```

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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