

# Converting Colors

XYZ(74.1800, 75.1932, 79.1521)

Have a look what the booklet for  
XYZ(74.1800, 75.1932, 79.1521)  
contains.

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# **Color**

**XYZ(74.1675, 75.1105,  
78.9953)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EEDDDD
RGB	238, 221, 221
RGB Percent	93%, 87%, 87%
CMY	0.0667, 0.1333, 0.1333
CMYK	0.00, 0.07, 0.07, 0.07
HSL	0°, 33%, 90%
HSV	0°, 7%, 93%
XYZ	74.1675, 75.1105, 78.9953
YIQ	226.0830, 10.1320, 3.6040

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	238, 221, 221
Decimal	15654365
CIE Lab	89.44, 5.82, 2.09
CIE LCh	89, 6.183, 19.751
Yxy	75.1105, 0.3249, 0.3290
Android (android.graphics.Color)	4293844445 (0xFFEEDDDD)
YUV	226.0830, -2.5059, 10.4512
Hunter-Lab	86.6663, 1.0911, 6.6243

# Details

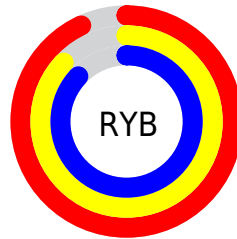
The XYZ color **74.1675, 75.1105, 78.9953** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8257, 82.6929, 92.8548**, and the grayscale version is **72.3630, 76.1315, 82.9072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8106, 39.9707, 41.6933** is the 20% darker color. If you saturate the color by 10%, you get **65.3757, 62.2464, 61.5135**, and if you desaturate by 10%, it is **84.3034, 89.9417, 99.1447**.

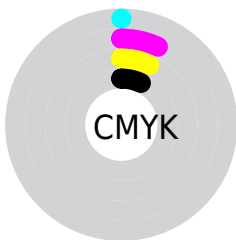
# Distribution



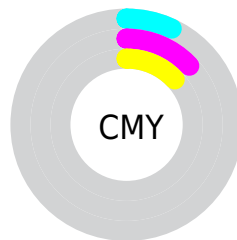
- Red (93%)
- Green (87%)
- Blue (87%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1675, 75.1105, 78.9953 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 74.1675, 75.1105, 78.9953 by changing the saturation by 10% instead.



74.1675, 75.1105,  
78.9953

74.1675, 75.1105,  
78.9953

464.0927,  
478.2973, 511.1576

55.2229, 55.7034,  
58.3707

124.1274,  
126.4688, 133.7508

39.8148, 39.9652,  
41.6900

155.8735,  
159.1887, 168.7188

27.5777, 27.5114,  
28.5349

192.6175,  
197.1151, 209.3050

18.1464, 17.9577,  
18.4867

234.7246,  
240.6324, 255.9279

11.1555, 10.9196,  
11.1269

282.5604,  
290.1248, 309.0061

6.2396, 6.0128,  
6.0370

336.4901,

3.0333, 2.8529,

345.9768, 368.9581

2.7985

396.8790,  
408.5729, 436.2024

■ 1.1714, 1.0554,  
0.9927

■ 0.0836, 0.0000,  
0.0000

■ 74.1675, 75.1105,  
78.9953

■ 74.1675, 75.1105,  
78.9953

■ 65.3757, 62.2464,  
61.5135

■ 84.3034, 89.9417,  
99.1447

■ 57.8657, 51.2574,  
46.5828

■ 89.0703, 96.9174,  
108.6202

■ 51.5795, 42.0590,  
34.0857

■ 46.4523, 34.5565,  
23.8932

■ 42.4134, 28.6461,  
15.8644

■ 39.3841, 24.2132,  
9.8434

■ 37.2756, 21.1275,  
5.6529

■ 35.9833, 19.2360,  
3.0853

■ 35.3720, 18.3411,  
1.8712

# Harmonies

## Analogous

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



74.2957, 75.1105, 83.2762



74.1675, 75.1105, 78.9953



73.2892, 75.1105, 75.5782

# Triad

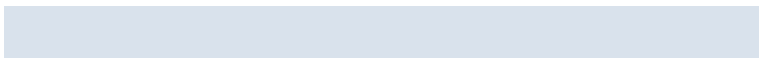
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1675, 75.1105, 78.9953



69.1897, 75.1105, 76.5092



70.8732, 75.1105, 90.2709

# Complementary

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



74.1675, 75.1105, 78.9953



75.8257, 82.6929, 92.8548

# 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.



69.5244, 75.1105, 88.3175



74.1675, 75.1105, 78.9953



68.5616, 75.1105, 80.3069

# Square

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



74.1675, 75.1105, 78.9953



70.4103, 75.1105, 74.1784



68.6833, 75.1105, 84.6346



72.3793, 75.1105, 89.8894



# Rectangle

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



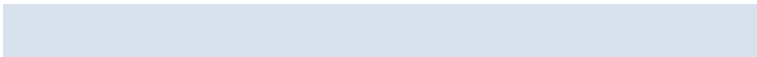
74.1675, 75.1105, 78.9953



72.4034, 75.1105, 74.2017



68.6833, 75.1105, 84.6346



70.3867, 75.1105, 89.8629

# Sweetspot

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



74.1696, 75.1138, 78.9969



92.6346, 96.4657, 104.0977



76.5500, 76.0642, 91.5371



19.8529, 20.6846, 22.3315



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.



74.1696, 75.1138, 78.9969



84.6849, 84.8336, 88.2923



76.4699, 79.7144, 79.7637



15.7732, 15.7595, 16.3603



19.6720, 10.1420, 0.9208



1.6366, 0.8439, 0.0766

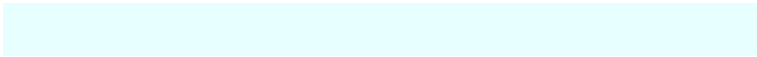


# Inverse Universe

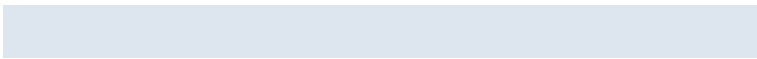
The Inverse Universe completely reimagines the original color for something new.



75.8257, 82.6929, 92.8548



87.1032, 95.9006, 108.5276



73.4103, 77.8620, 92.0496



16.2471, 17.9283, 20.3258



25.6581, 37.5404, 51.0216

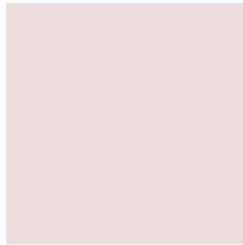


2.1346, 3.1232, 4.2446



# Previews

## White Background



This preview shows how the XYZ color 74.1675, 75.1105, 78.9953 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

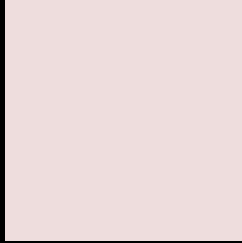
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.1675, 75.1105, 78.9953 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

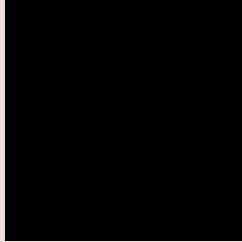
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

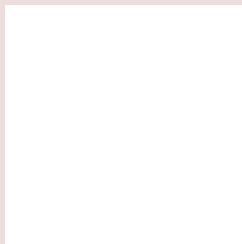
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.1675, 75.1105, 78.9953**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.1675, 75.1105, 78.9953.



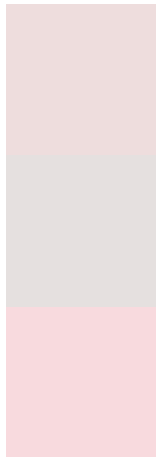
This preview shows how white text looks on a background with the XYZ color 74.1675, 75.1105,

78.9953.

# 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

74.1675, 75.1105, 78.9953

### Protanopia

72.2880, 75.2970, 80.5358

### Deuteranopia

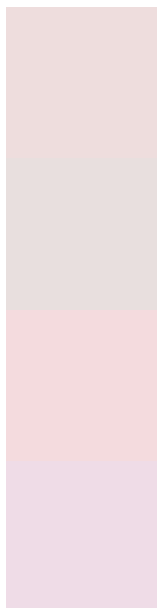
76.9676, 75.3732, 79.5991



## Tritanopia

76.4070, 75.2444, 89.8534

# Trichromacy



## Original Color

74.1675, 75.1105, 78.9953

## Protanomaly

72.8512, 75.2051, 79.7836

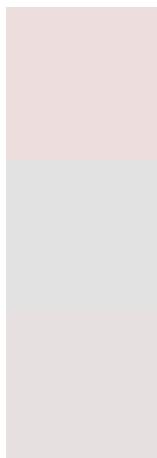
## Deuteranomaly

75.8246, 75.1701, 79.6201

## Tritanomaly

75.6136, 75.3066, 86.1517

# Monochromacy



## Original Color

74.1675, 75.1105, 78.9953

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.7433, 75.5161, 81.2631

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.1675, 75.1105, 78.9953 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(238, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 221)  
}
```

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(238, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 74.1675, 75.1105, 78.9953 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(238, 221, 221) }
```



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

```
.border{ border-color:rgb(238, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.1675, 75.1105, 78.9953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 221) }
```

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

```
.background{ background-color: rgb(238,  
221, 221) }
```

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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