

Converting Colors

XYZ(75.7940, 76.6683, 88.5677)

Have a look what the booklet for
XYZ(75.7940, 76.6683, 88.5677)
contains.

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Color

**XYZ(75.8310, 76.5487,
88.6206)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFEA
RGB	236, 223, 234
RGB Percent	93%, 87%, 92%
CMY	0.0745, 0.1255, 0.0823
CMYK	0.00, 0.06, 0.01, 0.07
HSL	309°, 25%, 90%
HSV	309°, 6%, 93%
XYZ	75.8310, 76.5487, 88.6206
YIQ	228.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

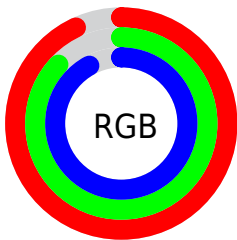
Format	Color
R _Y B	236, 223, 234
Decimal	15523818
CIE Lab	90.11, 6.35, -3.78
CIE LCh	90, 7.391, 329.252
Yxy	76.5487, 0.3147, 0.3176
Android (android.graphics.Color)	4293713898 (0xFFECDFEA)
YUV	228.1410, 2.8885, 6.8923
Hunter-Lab	87.4921, 1.5980, 1.1897

Details

The XYZ color **75.8310, 76.5487, 88.6206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0203, 81.1171, 82.9939**, and the grayscale version is **73.8252, 77.6698, 84.5824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8609, 40.9229, 47.8648** is the 20% darker color. If you saturate the color by 10%, you get **69.4443, 64.6007, 83.9446**, and if you desaturate by 10%, it is **83.1116, 90.2652, 93.6492**.

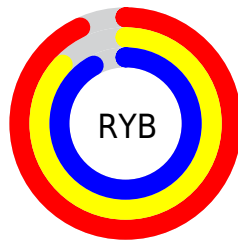
Distribution



Red (93%)

Green (87%)

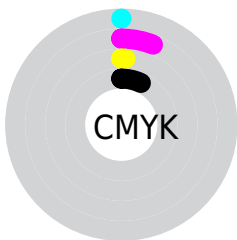
Blue (92%)



Red (93%)

Yellow (87%)

Blue (92%)

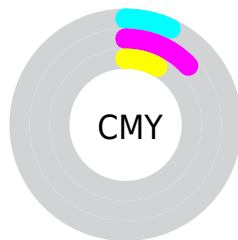


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8310, 76.5487, 88.6206 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 75.8310, 76.5487, 88.6206 by changing the saturation by 10% instead.


 75.8310, 76.5487,
88.6206

 75.8310, 76.5487,
88.6206


469.7223,
483.2239, 543.9873

 56.5905, 56.8826,
66.2699


126.4696,
128.5022, 147.3396

 40.9154, 40.9110,
48.0337


158.5985,
161.5584, 184.5449

 28.4404, 28.2495,
33.4934


195.7541,
199.8467, 227.5389

 18.8000, 18.5138,
22.2305

238.3020,
243.7515, 276.7401

 11.6290, 11.3195,
13.8264

286.6073,
293.6573, 332.5670

 6.5620, 6.2822,
7.8627

341.0356,

 3.2336, 3.0174,

349.9483, 395.4381

3.9207

401.9521,
413.0091, 465.7720

■ 1.2785, 1.1408,
1.5819

■ 0.1670, 0.0126,
0.2779

■ 75.8310, 76.5487,
88.6206

■ 75.8310, 76.5487,
88.6206

■ 69.4443, 64.6007,
83.9446

■ 83.1116, 90.2652,
93.6492

■ 63.9087, 54.3391,
79.6039

■ 86.2693, 95.7198,
97.3556

■ 59.1878, 45.6897,
75.5869

■ 86.8182, 95.9394,
100.2458

■ 55.2397, 38.5693,
71.8793

■ 87.3779, 96.1633,
103.1933

■ 52.0190, 32.8870,
68.4657

■ 87.9486, 96.3915,
106.1984

■ 49.4755, 28.5424,
65.3290

■ 88.4025, 96.5731,
108.5889

■ 47.5524, 25.4222,
62.4500

■ 46.1836, 23.3942,
59.8063

■ 45.2876, 22.2954,
57.3704

Harmonies

Analogous

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



74.4945, 76.5487, 92.4765



75.8310, 76.5487, 88.6206



76.3415, 76.5487, 83.4804

Triad

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



75.8310, 76.5487, 88.6206



72.8033, 76.5487, 73.6500



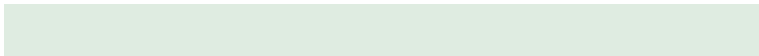
69.7229, 76.5487, 88.3830

Complementary

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



75.8310, 76.5487, 88.6206



74.0203, 81.1171, 82.9939

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.



69.2869, 76.5487, 83.2168



75.8310, 76.5487, 88.6206



71.0472, 76.5487, 74.8419

Square

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



75.8310, 76.5487, 88.6206



74.5755, 76.5487, 74.9646



69.7677, 76.5487, 78.2898



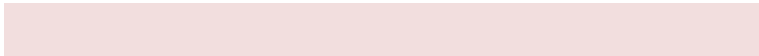
70.9687, 76.5487, 92.3353

Rectangle

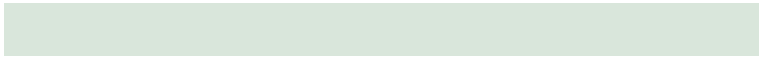
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8310, 76.5487, 88.6206



76.1383, 76.5487, 80.0618



69.7677, 76.5487, 78.2898



69.4778, 76.5487, 86.7240

Sweetspot

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



75.8332, 76.5520, 88.6223



93.3184, 96.7386, 107.7007



72.5669, 74.8348, 89.9778



19.9921, 20.7402, 23.0650



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.



75.8332, 76.5520, 88.6223



89.1785, 88.9596, 104.7767



74.9234, 76.1881, 83.8315



15.8742, 15.7677, 18.6859



24.8332, 12.1360, 31.2527



1.9769, 0.9637, 2.5958

Inverse Universe

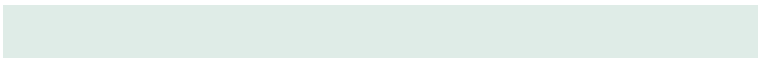
The Inverse Universe completely reimagines the original color for something new.



75.8332, 76.5520, 88.6223



89.1785, 88.9596, 104.7767



74.9168, 81.4757, 87.7149



15.8742, 15.7677, 18.6859



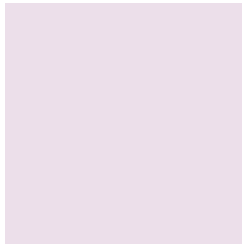
24.8332, 12.1360, 31.2527



1.9769, 0.9637, 2.5958

Previews

White Background



This preview shows how the XYZ color 75.8310, 76.5487, 88.6206 looks on a white background.

Color Contrast Check

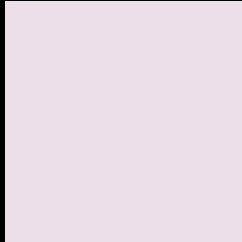
Large Text (above 18pt) WCAG AA × Fail

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 75.8310, 76.5487, 88.6206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

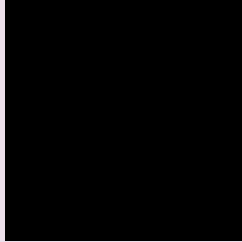
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

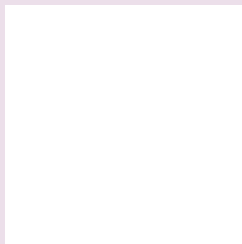
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8310, 76.5487, 88.6206

Background



This preview shows how black text looks on a background with the XYZ color 75.8310, 76.5487, 88.6206.

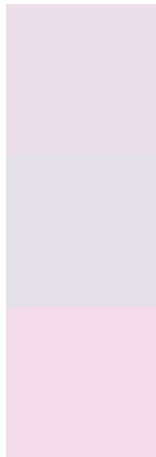


This preview shows how white text looks on a background with the XYZ color 75.8310, 76.5487,

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

75.8310, 76.5487, 88.6206

Protanopia

73.9155, 76.3426, 89.4371

Deuteranopia

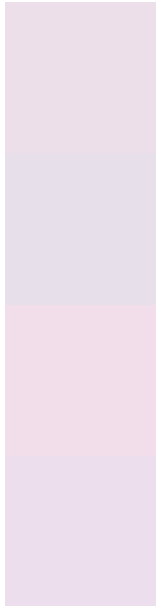
78.2448, 76.5970, 89.2580



Tritanopia

76.7745, 76.5383, 93.1650

Trichromacy



Original Color

75.8310, 76.5487, 88.6206

Protanomaly

74.6060, 76.2984, 89.3922

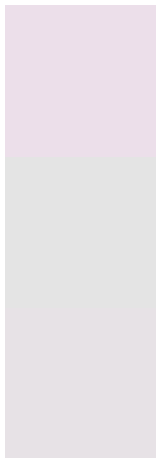
Deuteranomaly

77.4698, 76.5883, 89.2972

Tritanomaly

76.4789, 76.4201, 91.6086

Monochromacy



Original Color

75.8310, 76.5487, 88.6206

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4343, 77.0948, 85.8206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8310, 76.5487, 88.6206 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(236, 223, 234) looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 234)  
}
```

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(236, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 234) }
```

Border

The CSS property to change the border of an element to XYZ 75.8310, 76.5487, 88.6206 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(236, 223, 234) }
```


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

```
.border{ border-color:rgb(236, 223, 234) }
```

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

Here you see how a box with a 4 pixel rgb(236, 223, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8310, 76.5487, 88.6206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 234) }
```

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

```
.background{ background-color: rgb(236,  
223, 234) }
```

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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