

Converting Colors

XYZ(76.2431, 77.7618, 85.0574)

Have a look what the booklet for
XYZ(76.2431, 77.7618, 85.0574)
contains.

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Color

**XYZ(76.3280, 77.6847,
85.1005)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE1E5
RGB	238, 225, 229
RGB Percent	93%, 88%, 90%
CMY	0.0667, 0.1176, 0.1020
CMYK	0.00, 0.05, 0.04, 0.07
HSL	342°, 28%, 91%
HSV	342°, 5%, 93%
XYZ	76.3280, 77.6847, 85.1005
YIQ	229.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

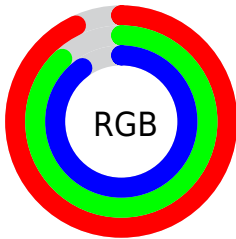
Format	Color
R_{YB}	238, 225, 229
Decimal	15655397
CIE Lab	90.64, 5.11, -0.37
CIE LCh	91, 5.125, 355.833
Yxy	77.6847, 0.3192, 0.3249
Android (android.graphics.Color)	4293845477 (0xFFEEE1E5)
YUV	229.3430, -0.1691, 7.5922
Hunter-Lab	88.1389, 0.3373, 4.4512

Details

The XYZ color **76.3280, 77.6847, 85.1005** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4801, 83.0992, 89.8548**, and the grayscale version is **74.7285, 78.6202, 85.6174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3061, 41.7505, 45.9260** is the 20% darker color. If you saturate the color by 10%, you get **68.1443, 64.8263, 71.5527**, and if you desaturate by 10%, it is **85.6314, 92.4309, 100.1015**.

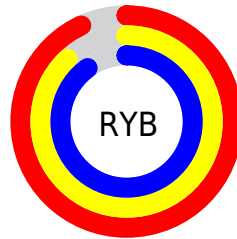
Distribution



Red (93%)

Green (88%)

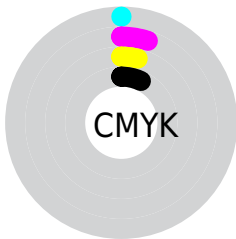
Blue (90%)



Red (93%)

Yellow (88%)

Blue (90%)

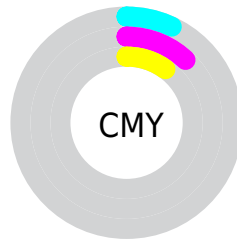


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (12%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3280, 77.6847, 85.1005 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 76.3280, 77.6847, 85.1005 by changing the saturation by 10% instead.


 76.3280, 77.6847,
85.1005

 76.3280, 77.6847,
85.1005


471.3969,
487.0954, 532.1138

 56.9995, 57.8150,
63.3738


127.1683,
130.1056, 142.3890

 41.2450, 41.6599,
45.7007


159.4109,
163.4255, 178.7879

 28.6991, 28.8351,
31.6628


196.6888,
201.9977, 220.9145

 18.9964, 18.9561,
20.8414

239.3675,
246.2064, 269.1875

 11.7717, 11.6386,
12.8180

287.8123,
296.4362, 324.0254

 6.6595, 6.4981,
7.1741

342.3886,

 3.2945, 3.1502,

353.0713, 385.8468

3.4911

403.4617,
416.4963, 455.0700

■ 1.3114, 1.2107,
1.3505

■ 0.1917, 0.0704,
0.1027

■ 76.3280, 77.6847,
85.1005

■ 76.3280, 77.6847,
85.1005

■ 68.1443, 64.8263,
71.5527

■ 85.6314, 92.4309,
100.1015

■ 61.0308, 53.7693,
59.4088

■ 89.0704, 96.9174,
108.6202

■ 54.9439, 44.4357,
48.6241

■ 49.8346, 36.7378,
39.1495

■ 45.6494, 30.5802,
30.9326

■ 42.3298, 25.8576,
23.9177

■ 39.8100, 22.4509,
18.0439

■ 38.0143, 20.2221,
13.2446

■ 36.8505, 19.0013,
9.4440

Harmonies

Analogous

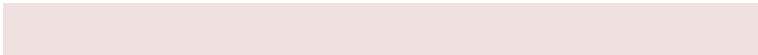
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8996, 77.6847, 88.6208



76.3280, 77.6847, 85.1005



76.0826, 77.6847, 81.5402

Triad

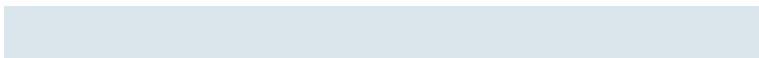
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3280, 77.6847, 85.1005



72.7659, 77.6847, 78.3767



72.4584, 77.6847, 90.5746

Complementary

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



76.3280, 77.6847, 85.1005



76.4801, 83.0992, 89.8548

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.



71.6360, 77.6847, 87.7055



76.3280, 77.6847, 85.1005



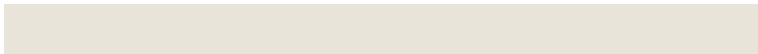
71.8120, 77.6847, 80.6745

Square

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



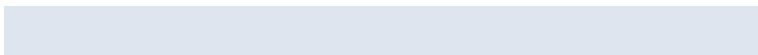
76.3280, 77.6847, 85.1005



74.0166, 77.6847, 77.7244



71.4007, 77.6847, 84.0724



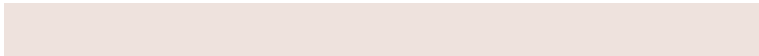
73.6576, 77.6847, 91.8388

Rectangle

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



76.3280, 77.6847, 85.1005



75.5714, 77.6847, 79.6119



71.4007, 77.6847, 84.0724



72.1293, 77.6847, 89.7619

Sweetspot

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



76.3302, 77.6881, 85.1022



92.8810, 96.5637, 105.3975



76.2539, 77.4997, 91.8300



19.9031, 20.7046, 22.5962



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.



76.3302, 77.6881, 85.1022



87.6908, 88.3645, 96.9424



76.4271, 78.7647, 82.4131



16.3217, 16.3878, 17.9878



20.3964, 10.4310, 4.7382



1.7396, 0.8849, 0.6197

Inverse Universe

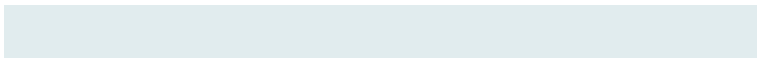
The Inverse Universe completely reimagines the original color for something new.



76.3302, 77.6881, 85.1022



87.6908, 88.3645, 96.9424



76.3718, 81.9533, 92.6834



16.3217, 16.3878, 17.9878



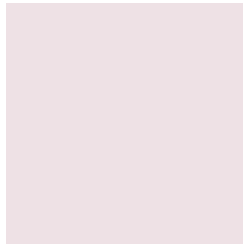
20.3964, 10.4310, 4.7382



1.7396, 0.8849, 0.6197

Previews

White Background



This preview shows how the XYZ color 76.3280, 77.6847, 85.1005 looks on a white background.

Color Contrast Check

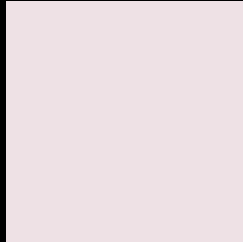
Large Text (above 18pt) WCAG AA × Fail

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 76.3280, 77.6847, 85.1005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

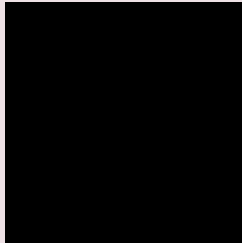
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

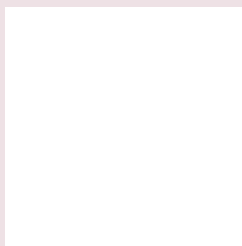
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3280, 77.6847, 85.1005

Background



This preview shows how black text looks on a background with the XYZ color 76.3280, 77.6847, 85.1005.



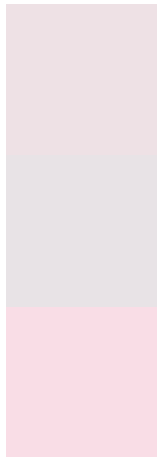
This preview shows how white text looks on a background with the XYZ color 76.3280, 77.6847,

85.1005.

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

76.3280, 77.6847, 85.1005

Protanopia

75.0307, 77.8071, 85.9266

Deuteranopia

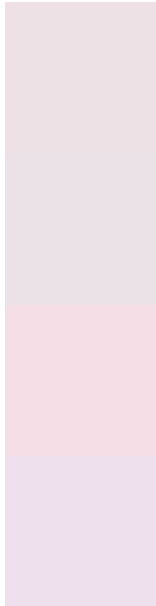
79.2063, 77.5658, 85.6600



Tritanopia

78.2000, 77.6515, 94.0857

Trichromacy



Original Color

76.3280, 77.6847, 85.1005

Protanomaly

75.4110, 77.5983, 85.8663

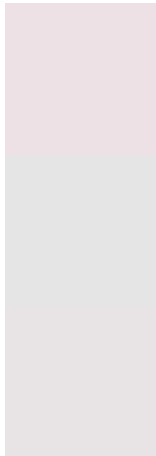
Deuteranomaly

78.0604, 77.3682, 85.6822

Tritanomaly

77.5383, 77.7765, 91.0464

Monochromacy



Original Color

76.3280, 77.6847, 85.1005

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1650, 78.2998, 85.2805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3280, 77.6847, 85.1005 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, 225, 229) looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 229)  
}
```

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, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 229) }
```

Border

The CSS property to change the border of an element to XYZ 76.3280, 77.6847, 85.1005 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, 225, 229) }
```


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

```
.border{ border-color:rgb(238, 225, 229) }
```

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

Here you see how a box with a 4 pixel rgb(238, 225, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3280, 77.6847, 85.1005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 229) }
```

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

```
.background{ background-color: rgb(238,  
225, 229) }
```

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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