

Converting Colors

XYZ(76.2926, 75.6567, 86.1835)

Have a look what the booklet for
XYZ(76.2926, 75.6567, 86.1835)
contains.

XYZ(76.2926, 75.6567, 86.1835)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2926, 75.6567,
86.1835)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DCE7
RGB	241, 220, 231
RGB Percent	95%, 86%, 91%
CMY	0.0549, 0.1372, 0.0941
CMYK	0.00, 0.09, 0.04, 0.05
HSL	329°, 43%, 90%
HSV	329°, 9%, 95%
XYZ	76.2926, 75.6567, 86.1835
YIQ	227.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

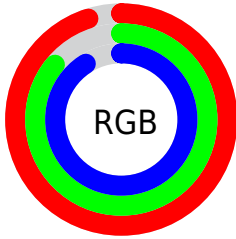
Format	Color
R _Y B	241, 220, 231
Decimal	15850727
CIE Lab	89.70, 9.07, -2.76
CIE LCh	90, 9.487, 343.057
Yxy	75.6567, 0.3204, 0.3177
Android (android.graphics.Color)	4294040807 (0xFFFF1DCE7)
YUV	227.5330, 1.7092, 11.8106
Hunter-Lab	86.9809, 4.3493, 2.1401

Details

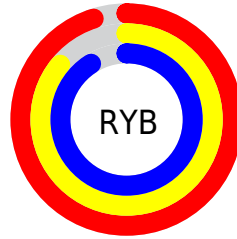
The XYZ color **76.2926, 75.6567, 86.1835** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2563, 83.8413, 87.0834**, and the grayscale version is **73.3869, 77.2088, 84.0804**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2006, 40.3197, 46.1684** is the 20% darker color. If you saturate the color by 10%, you get **68.8499, 63.2803, 75.9651**, and if you desaturate by 10%, it is **84.7578, 89.9057, 97.2691**.

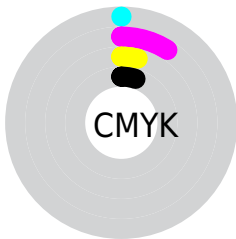
Distribution



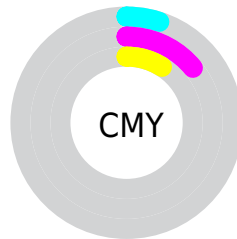
- Red (95%)
- Green (86%)
- Blue (91%)



- Red (95%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2926, 75.6567, 86.1835 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 76.2926, 75.6567, 86.1835 by changing the saturation by 10% instead.


 76.2926, 75.6567,
86.1835

 76.2926, 75.6567,
86.1835


471.2777,
480.1717, 535.7825

 56.9704, 56.1510,
64.2640


127.1186,
127.2415, 143.9143

 41.2215, 40.3240,
46.4169


159.3530,
160.0895, 180.5627

 28.6806, 27.7913,
32.2239


196.6223,
198.1536, 222.9578

 18.9824, 18.1684,
21.2664

239.2917,
241.8184, 271.5181

 11.7615, 11.0709,
13.1257

287.7266,
291.4683, 326.6622

 6.6525, 6.1146,
7.3834

342.2923,

 3.2902, 2.9149,

347.4875, 388.8086

3.6210

403.3542,
410.2605, 458.3758

■ 1.3090, 1.0875,
1.4198

■ 0.1899, 0.0000,
0.1571

■ 76.2926, 75.6567,
86.1835

■ 76.2926, 75.6567,
86.1835

■ 68.8499, 63.2803,
75.9651

■ 84.7578, 89.9057,
97.2691

■ 62.3823, 52.6883,
66.5855

■ 89.9187, 97.3741,
107.7867

■ 56.8482, 43.7999,
58.0213

■ 90.0860, 97.4410,
108.6677

■ 52.2006, 36.5241,
50.2464

■ 48.3879, 30.7615,
43.2326

■ 45.3530, 26.4016,
36.9495

■ 43.0310, 23.3185,
31.3637

■ 41.3457, 21.3635,
26.4376

■ 40.1861, 20.3189,
22.1215

Harmonies

Analogous

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



75.0200, 75.6567, 92.1393



76.2926, 75.6567, 86.1835



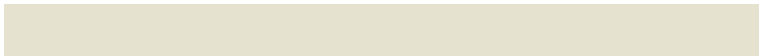
76.3746, 75.6567, 79.5049

Triad

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



76.2926, 75.6567, 86.1835



70.8994, 75.6567, 70.4699



68.6769, 75.6567, 91.4762

Complementary

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



76.2926, 75.6567, 86.1835



75.2563, 83.8413, 87.0834

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.



67.6217, 75.6567, 85.3180



76.2926, 75.6567, 86.1835



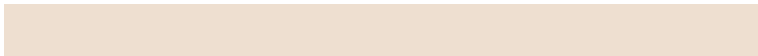
68.8860, 75.6567, 73.3303

Square

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



76.2926, 75.6567, 86.1835



73.2264, 75.6567, 70.6736



67.6974, 75.6567, 78.6848



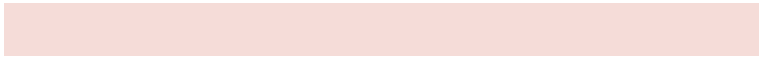
70.6083, 75.6567, 95.3066

Rectangle

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



76.2926, 75.6567, 86.1835



75.7404, 75.6567, 75.5573



67.6974, 75.6567, 78.6848



68.2099, 75.6567, 89.5958

Sweetspot

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



76.2948, 75.6600, 86.1851



92.0768, 94.9833, 105.0424



74.0422, 74.3309, 93.6649



19.5420, 20.0505, 22.2660



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

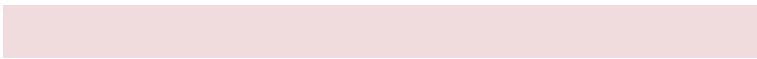
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2948, 75.6600, 86.1851



85.5536, 84.0380, 96.3910



74.8827, 75.0952, 78.7492



16.1186, 15.8972, 18.1809



21.7900, 10.9884, 12.0765



1.8630, 0.9342, 1.2694

Inverse Universe

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



76.2948, 75.6600, 86.1851



85.5536, 84.0380, 96.3910



76.7456, 84.4370, 94.9260



16.1186, 15.8972, 18.1809



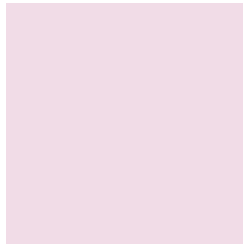
21.7900, 10.9884, 12.0765



1.8630, 0.9342, 1.2694

Previews

White Background



This preview shows how the XYZ color 76.2926, 75.6567, 86.1835 looks on a white background.

Color Contrast Check

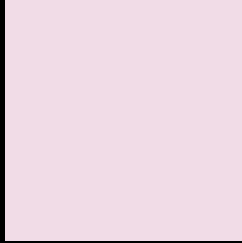
Large Text (above 18pt) WCAG AA × Fail

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 76.2926, 75.6567, 86.1835 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 76.2926, 75.6567, 86.1835

Background



This preview shows how black text looks on a background with the XYZ color 76.2926, 75.6567, 86.1835.

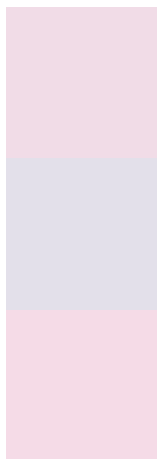


This preview shows how white text looks on a background with the XYZ color 76.2926, 75.6567,

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

76.2926, 75.6567, 86.1835

Protanopia

73.1855, 75.5827, 88.5735

Deuteranopia

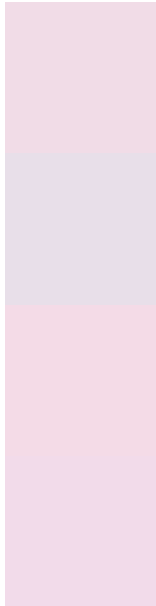
77.4115, 75.8450, 86.1608



Tritanopia

77.0898, 75.5964, 89.8854

Trichromacy



Original Color

76.2926, 75.6567, 86.1835

Protanomaly

74.3744, 75.8143, 87.8045

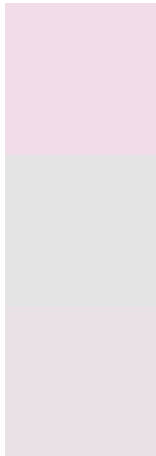
Deuteranomaly

77.0635, 75.6657, 86.1446

Tritanomaly

76.8008, 75.4808, 88.3633

Monochromacy



Original Color

76.2926, 75.6567, 86.1835

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6723, 76.8312, 85.0230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2926, 75.6567, 86.1835 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(241, 220, 231) looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 231)  
}
```

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(241, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.2926, 75.6567, 86.1835 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(241, 220, 231) }
```


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

```
.border{ border-color:rgb(241, 220, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 220, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2926, 75.6567, 86.1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 231) }
```

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

```
.background{ background-color: rgb(241,  
220, 231) }
```

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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