

Converting Colors

XYZ(86.8736, 85.1332, 87.2651)

Have a look what the booklet for
XYZ(86.8736, 85.1332, 87.2651)
contains.

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Color

**XYZ(83.9606, 83.6232,
87.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6E7
RGB	255, 230, 231
RGB Percent	100%, 90%, 91%
CMY	0.0000, 0.0980, 0.0941
CMYK	0.00, 0.10, 0.09, 0.00
HSL	358°, 100%, 95%
HSV	358°, 10%, 100%
XYZ	83.9606, 83.6232, 87.3170
YIQ	237.5890, 14.5790, 5.6110

Conversions

Conversions Part 2

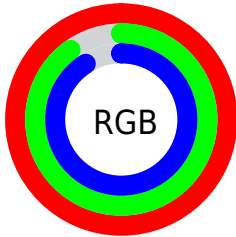
Format	Color
R _Y B	255, 230, 231
Decimal	16770791
CIE Lab	93.29, 8.69, 2.61
CIE LCh	93, 9.072, 16.734
Yxy	83.6232, 0.3294, 0.3281
Android (android.graphics.Color)	4294960871 (0xFFFE6E7)
YUV	237.5890, -3.2484, 15.2694
Hunter-Lab	91.4457, 3.8592, 7.3989

Details

The XYZ color **83.9606, 83.6232, 87.3170** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2852, 95.5001, 107.6554**, and the grayscale version is **80.9685, 85.1852, 92.7667**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1626, 45.3730, 46.8823** is the 20% darker color. If you saturate the color by 10%, you get **74.1569, 69.1682, 68.1648**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

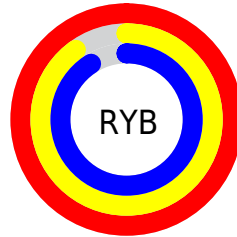
Distribution



Red (100%)

Green (90%)

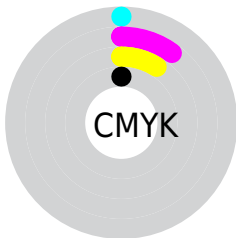
Blue (91%)



Red (100%)

Yellow (90%)

Blue (91%)

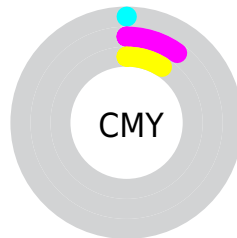


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.9606, 83.6232, 87.3170 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 83.9606, 83.6232, 87.3170 by changing the saturation by 10% instead.


 83.9606, 83.6232,
87.3170

 83.9606, 83.6232,
87.3170


496.7180,
507.0611, 539.6072

 63.3025, 62.7044,
65.1965


137.8416,
138.4480, 145.5087

 46.3455, 45.6021,
47.1680


171.7952,
173.1227, 182.4169

 32.7244, 31.9319,
32.8132


210.9114,
213.1516, 225.0914

 22.0736, 21.3095,
21.7135

255.5555,
258.9189, 273.9507

 14.0279, 13.3504,
13.4502

306.0928,
310.8091, 329.4134

 8.2219, 7.6703,
7.6049

362.8888,

 4.2903, 3.8847,

369.2067, 391.8980

3.7591

426.3088,
434.4959, 461.8231

■ 1.8676, 1.6093,
1.4941

■ 0.5579, 0.3638,
0.2135

■ 83.9606, 83.6232,
87.3170

■ 83.9606, 83.6232,
87.3170

■ 74.1569, 69.1682,
68.1648

95.0500, 100.0000,
108.9000

■ 65.8082, 56.8814,
51.7845

■ 58.8470, 46.6616,
38.0493

■ 53.1980, 38.3952,
26.8206

■ 48.7790, 31.9576,
17.9471

■ 45.4983, 27.2102,
11.2611

■ 43.2514, 23.9943,
6.5729

■ 41.9148, 22.1212,
3.6606

■ 41.3038, 21.2943,
2.2391

Harmonies

Analogous

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



84.0352, 83.6232, 94.1028



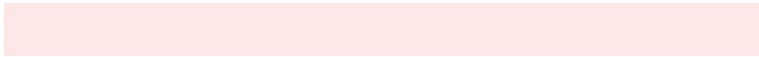
83.9606, 83.6232, 87.3170



82.6704, 83.6232, 81.8066

Triad

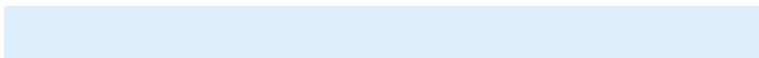
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9606, 83.6232, 87.3170



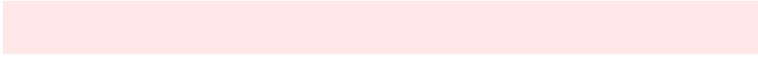
76.1841, 83.6232, 82.3318



78.4322, 83.6232, 104.4612

Complementary

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



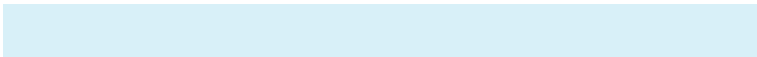
83.9606, 83.6232, 87.3170



86.2852, 95.5001, 107.6554

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.



76.3753, 83.6232, 100.9678



83.9606, 83.6232, 87.3170



75.0950, 83.6232, 88.0668

Square

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



83.9606, 83.6232, 87.3170



78.1665, 83.6232, 79.0287



75.1643, 83.6232, 94.8909



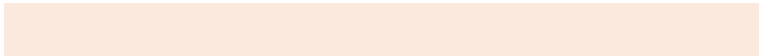
80.8109, 83.6232, 104.2356

Rectangle

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



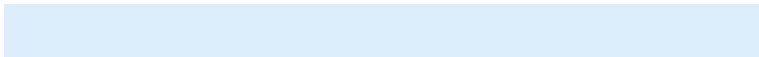
83.9606, 83.6232, 87.3170



81.3091, 83.6232, 79.4959



75.1643, 83.6232, 94.8909



77.6812, 83.6232, 103.6758

Sweetspot

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



83.9626, 83.6267, 87.3188



91.4976, 94.7517, 101.9928



87.1303, 84.8408, 106.3914



19.3862, 19.9882, 21.4452



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

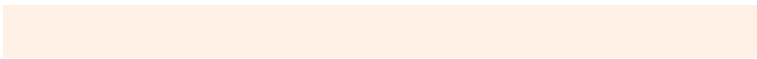
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9626, 83.6267, 87.3188



81.6785, 80.2567, 82.8636



87.0542, 90.0343, 87.6576



18.0387, 17.9988, 18.8209



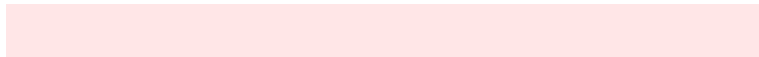
21.5905, 11.1255, 1.2282



2.1120, 1.0872, 0.1714

Inverse Universe

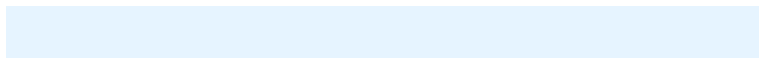
The Inverse Universe completely reimagines the original color for something new.



83.9626, 83.6267, 87.3188



81.6785, 80.2567, 82.8636



82.9615, 88.5967, 107.3361



18.0387, 17.9988, 18.8209



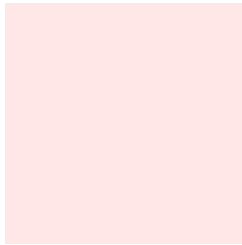
21.5905, 11.1255, 1.2282



2.1120, 1.0872, 0.1714

Previews

White Background



This preview shows how the XYZ color 83.9606, 83.6232, 87.3170 looks on a white background.

Color Contrast Check

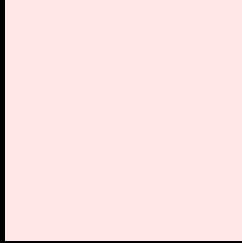
Large Text (above 18pt) WCAG AA × Fail

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 83.9606, 83.6232, 87.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

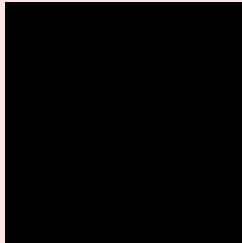
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

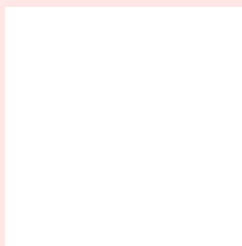
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9606, 83.6232, 87.3170

Background



This preview shows how black text looks on a background with the XYZ color 83.9606, 83.6232, 87.3170.



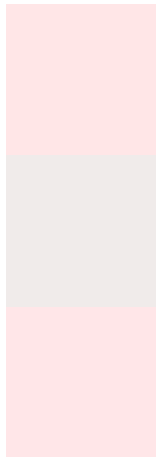
This preview shows how white text looks on a background with the XYZ color 83.9606, 83.6232,

87.3170.

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

83.9606, 83.6232, 87.3170

Protanopia

80.4948, 83.8824, 89.7903

Deuteranopia

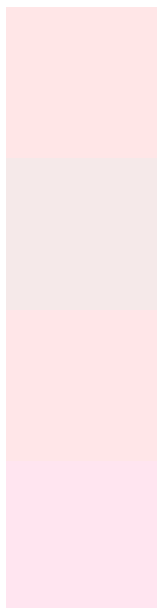
84.1023, 83.6798, 88.0631



Tritanopia

85.7407, 83.8912, 98.0598

Trichromacy



Original Color

83.9606, 83.6232, 87.3170

Protanomaly

81.5031, 83.5735, 88.9264

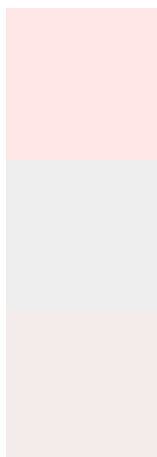
Deuteranomaly

84.1023, 83.6798, 88.0631

Tritanomaly

84.9875, 83.5899, 94.0932

Monochromacy



Original Color

83.9606, 83.6232, 87.3170

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.0120, 84.6479, 90.6134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9606, 83.6232, 87.3170 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(255, 230, 231) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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(255, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 231) }
```

Border

The CSS property to change the border of an element to XYZ 83.9606, 83.6232, 87.3170 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(255, 230, 231) }
```


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

```
.border{ border-color:rgb(255, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9606, 83.6232, 87.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 231) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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