

Converting Colors

XYZ(83.0666, 83.9101, 91.1770)

Have a look what the booklet for
XYZ(83.0666, 83.9101, 91.1770)
contains.

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Color

**XYZ(83.0639, 83.9091,
91.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E8EC
RGB	249, 232, 236
RGB Percent	98%, 91%, 93%
CMY	0.0235, 0.0902, 0.0745
CMYK	0.00, 0.07, 0.05, 0.02
HSL	346°, 59%, 94%
HSV	346°, 7%, 98%
XYZ	83.0639, 83.9091, 91.1750
YIQ	237.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

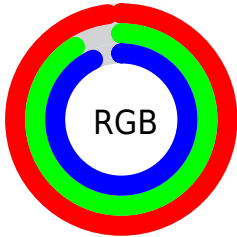
Format	Color
R _Y B	249, 232, 236
Decimal	16378092
CIE Lab	93.41, 6.44, 0.13
CIE LCh	93, 6.439, 1.151
Yxy	83.9091, 0.3218, 0.3250
Android (android.graphics.Color)	4294568172 (0xFF9E8E)
YUV	237.5390, -0.7587, 10.0513
Hunter-Lab	91.6019, 1.5591, 5.1077

Details

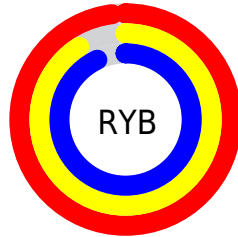
The XYZ color **83.0639, 83.9091, 91.1750** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6391, 91.5020, 99.6442**, and the grayscale version is **80.9147, 85.1285, 92.7050**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7559, 45.6834, 49.5862** is the 20% darker color. If you saturate the color by 10%, you get **73.9245, 69.8243, 75.1965**, and if you desaturate by 10%, it is **92.8775, 98.8800, 108.7983**.

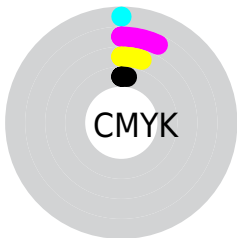
Distribution



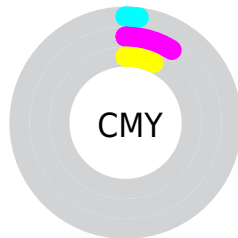
- Red (98%)
- Green (91%)
- Blue (93%)



- Red (98%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0639, 83.9091, 91.1750 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 83.0639, 83.9091, 91.1750 by changing the saturation by 10% instead.


 83.0639, 83.9091,
91.1750

 83.0639, 83.9091,
91.1750

493.7802,
508.0113, 552.5141

 62.5600, 62.9404,
68.3764


136.5930,
138.8480, 150.9192

 45.7426, 45.7930,
49.7354

170.3489,
173.5870, 188.7019

 32.2465, 32.0825,
34.8335


209.2528,
213.6849, 232.3163

 21.7063, 21.4245,
23.2521

253.6701,
259.5260, 282.1811

 13.7567, 13.4347,
14.5727

303.9661,
311.4949, 338.7147

 8.0322, 7.7285,
8.3768

360.5062,

 4.1675, 3.9217,

369.9758, 402.3357

4.2458

423.6558,
435.3531, 473.4627

■ 1.7973, 1.6299,
1.7611

■ 0.5161, 0.3776,
0.4021

■ 83.0639, 83.9091,
91.1750

■ 83.0639, 83.9091,
91.1750

■ 73.9245, 69.8243,
75.1965

■ 92.8775, 98.8800,
108.7983

■ 66.0201, 57.7532,
61.0392

■ 59.2990, 47.6066,
48.6390

■ 53.7030, 39.2844,
37.9262

■ 49.1687, 32.6773,
28.8261

■ 45.6264, 27.6646,
21.2583

■ 42.9978, 24.1093,
15.1350

■ 41.1918, 21.8513,
10.3590

■ 40.0955, 20.6885,
6.8186

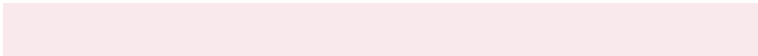
Harmonies

Analogous

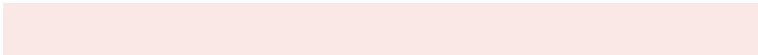
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6487, 83.9091, 95.9516



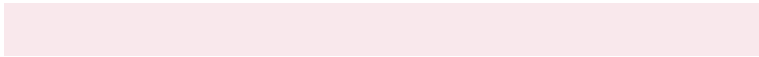
83.0639, 83.9091, 91.1750



82.5815, 83.9091, 86.6082

Triad

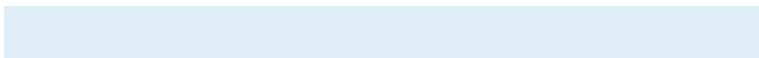
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0639, 83.9091, 91.1750



78.0752, 83.9091, 83.5878



78.1872, 83.9091, 99.8046

Complementary

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



83.0639, 83.9091, 91.1750



83.6391, 91.5020, 99.6442

Split Complementary

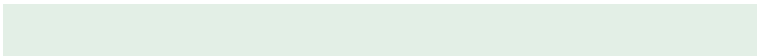
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9900, 83.9091, 96.2882



83.0639, 83.9091, 91.1750



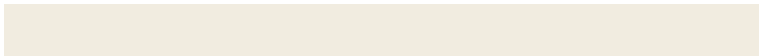
76.9259, 83.9091, 86.9226

Square

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



83.0639, 83.9091, 91.1750



79.6875, 83.9091, 82.3247



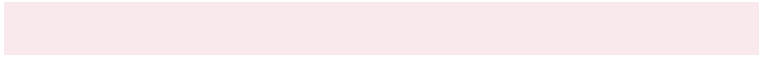
76.5314, 83.9091, 91.5507



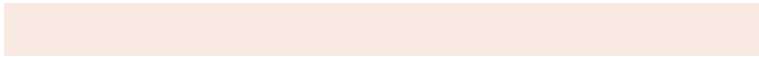
79.8187, 83.9091, 101.0393

Rectangle

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



83.0639, 83.9091, 91.1750



81.8198, 83.9091, 84.2686



76.5314, 83.9091, 91.5507



77.7215, 83.9091, 98.8442

Sweetspot

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



83.0663, 83.9128, 91.1768



92.8227, 96.5404, 105.0905



83.5273, 83.9242, 101.4204



19.8912, 20.6998, 22.5337



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

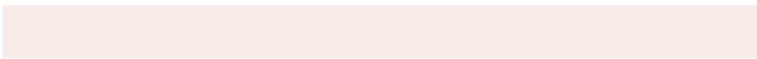
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0663, 83.9128, 91.1768



86.4725, 86.7033, 94.1463



83.7026, 86.1043, 88.5565



17.4118, 17.2921, 18.7584



21.3734, 10.9651, 3.4089



2.0187, 1.0312, 0.5221

Inverse Universe

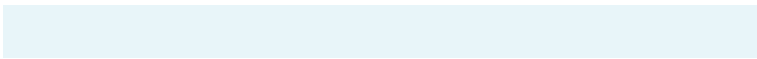
The Inverse Universe completely reimagines the original color for something new.



83.0663, 83.9128, 91.1768



86.4725, 86.7033, 94.1463



82.9573, 89.1516, 102.4594



17.4118, 17.2921, 18.7584



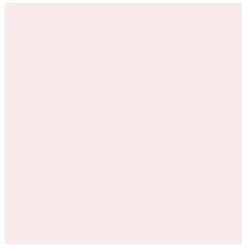
21.3734, 10.9651, 3.4089



2.0187, 1.0312, 0.5221

Previews

White Background



This preview shows how the XYZ color 83.0639, 83.9091, 91.1750 looks on a white background.

Color Contrast Check

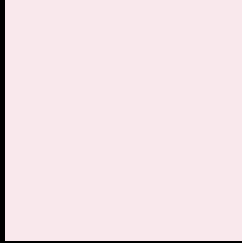
Large Text (above 18pt) WCAG AA × Fail

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 83.0639, 83.9091, 91.1750 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

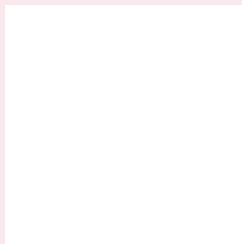
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0639, 83.9091, 91.1750

Background



This preview shows how black text looks on a background with the XYZ color 83.0639, 83.9091, 91.1750.



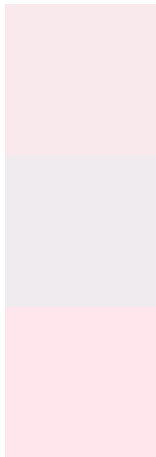
This preview shows how white text looks on a background with the XYZ color 83.0639, 83.9091,

91.1750.

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

83.0639, 83.9091, 91.1750

Protanopia

81.0761, 84.1150, 92.8516

Deuteranopia

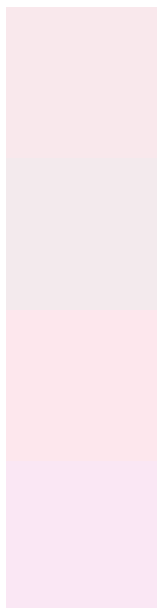
84.8229, 83.9681, 91.8576



Tritanopia

85.0238, 83.8802, 100.5162

Trichromacy



Original Color

83.0639, 83.9091, 91.1750

Protanomaly

81.6710, 84.0147, 92.0327

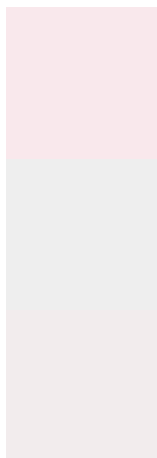
Deuteranomaly

84.3700, 84.1489, 91.9163

Tritanomaly

84.3294, 84.0075, 97.3584

Monochromacy



Original Color

83.0639, 83.9091, 91.1750

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8995, 84.9826, 92.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0639, 83.9091, 91.1750 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(249, 232, 236) looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 236)  
}
```

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(249, 232, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 236) }
```

Border

The CSS property to change the border of an element to XYZ 83.0639, 83.9091, 91.1750 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(249, 232, 236) }
```


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

```
.border{ border-color:rgb(249, 232, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 232, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0639, 83.9091, 91.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 236) }
```

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

```
.background{ background-color: rgb(249,  
232, 236) }
```

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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