

Converting Colors

XYZ(92.0845, 95.2890, 61.7163)

Have a look what the booklet for
XYZ(92.0845, 95.2890, 61.7163)
contains.

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Color

**XYZ(83.3811, 90.8457,
61.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6BD
RGB	255, 246, 189
RGB Percent	100%, 96%, 74%
CMY	0.0000, 0.0353, 0.2588
CMYK	0.00, 0.04, 0.26, 0.00
HSL	52°, 100%, 87%
HSV	52°, 26%, 100%
XYZ	83.3811, 90.8457, 61.2844
YIQ	242.1930, 23.6610, -15.8190

Conversions

Conversions Part 2

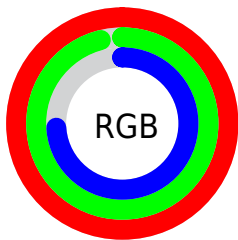
Format	Color
R _Y B	199, 255, 189
Decimal	16774845
CIE Lab	96.35, -5.61, 28.57
CIE LCh	96, 29.116, 101.104
Yxy	90.8457, 0.3540, 0.3857
Android (android.graphics.Color)	4294964925 (0xFFFFF6BD)
YUV	242.1930, -26.2241, 11.2317
Hunter-Lab	95.3130, -10.6436, 28.5968

Details

The XYZ color **83.3811, 90.8457, 61.2844** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.2299, 58.4253, 102.7632**, and the grayscale version is **84.7409, 89.1540, 97.0887**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **46.0753, 50.5819, 30.2565** is the 20% darker color. If you saturate the color by 10%, you get **79.8066, 87.7436, 47.6166**, and if you desaturate by 10%, it is **87.4665, 94.1901, 77.5256**.

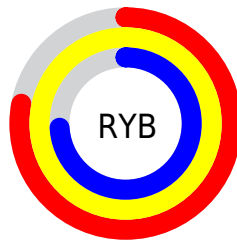
Distribution



Red (100%)

Green (96%)

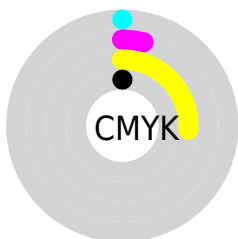
Blue (74%)



Red (78%)

Yellow (100%)

Blue (74%)

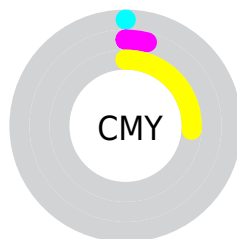


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3811, 90.8457, 61.2844 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 83.3811, 90.8457, 61.2844 by changing the saturation by 10% instead.

 83.3811, 90.8457,
61.2844

 83.3811, 90.8457,
61.2844


494.8205,
530.7781, 447.2514

 62.8226, 68.6823,
44.0227


 137.0348,
148.5126, 108.2522

 45.9558, 50.4530,
30.3510


170.8608,
184.7848, 138.7953

 32.4154, 35.7735,
19.8509


209.8399,
226.5287, 174.6026

 21.8361, 24.2593,
12.1037

254.3375,
274.1288, 216.0927

 13.8524, 15.5261,
6.6909

304.7190,
327.9693, 263.6841

 8.0991, 9.1894,
3.1941

361.3498,

 4.2108, 4.8649,

388.4348, 317.7953

1.1946

424.5952,
455.9096, 378.8449

■ 1.8221, 2.1682,
0.0000

■ 0.5309, 0.7026,
0.0000

■ 83.3811, 90.8457,
61.2844

■ 83.3811, 90.8457,
61.2844

■ 79.8066, 87.7436,
47.6166

■ 87.4665, 94.1901,
77.5256

■ 76.7107, 84.8613,
36.3823

■ 92.0800, 97.7743,
96.4589

■ 74.0679, 82.1915,
27.4370

95.0500, 100.0000,
108.9000

■ 71.8471, 79.7216,
20.6183

■ 70.0135, 77.4376,
15.7430

■ 68.5262, 75.3229,
12.5963

■ 67.3346, 73.3570,
10.9121

■ 66.8992, 72.5784,
10.4831

Harmonies

Analogous

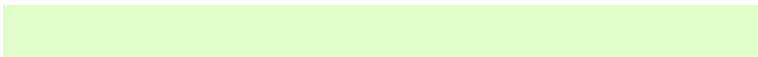
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4888, 90.8457, 62.4315



83.3811, 90.8457, 61.2844



76.5062, 90.8457, 68.9683

Triad

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



83.3811, 90.8457, 61.2844



75.1340, 90.8457, 131.2334



101.9356, 90.8457, 114.0752

Complementary

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



83.3811, 90.8457, 61.2844



59.2299, 58.4253, 102.7632

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.



96.9955, 90.8457, 136.4764



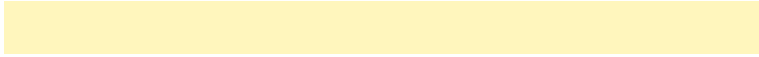
83.3811, 90.8457, 61.2844



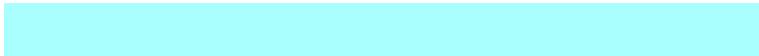
81.3999, 90.8457, 147.4025

Square

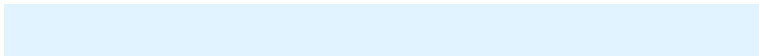
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3811, 90.8457, 61.2844



71.9470, 90.8457, 107.7573



89.3806, 90.8457, 149.4586



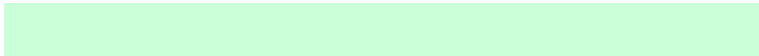
102.5486, 90.8457, 90.5712

Rectangle

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



83.3811, 90.8457, 61.2844



73.4156, 90.8457, 78.8894



89.3806, 90.8457, 149.4586



100.7121, 90.8457, 122.0727

Sweetspot

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



83.3833, 90.8497, 61.2863



91.0572, 96.9942, 92.2171



69.7355, 61.7751, 62.2214



19.3377, 20.6436, 19.1097



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

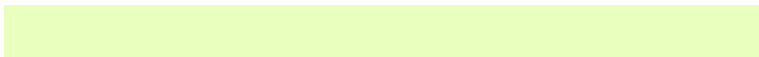
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3833, 90.8497, 61.2863



81.4908, 89.2312, 53.9767



78.1920, 92.3334, 61.8463



19.3377, 20.6436, 19.1097



35.0379, 38.0871, 5.5049



3.4673, 3.8200, 0.5546

Inverse Universe

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



59.2299, 58.4253, 102.7632



53.6546, 51.8671, 101.7912



63.4287, 57.6282, 102.3881



17.2026, 17.7767, 22.7745



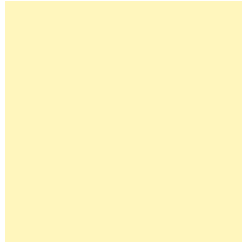
9.8023, 4.5141, 49.7893



1.0126, 0.5559, 4.8672

Previews

White Background



This preview shows how the XYZ color 83.3811, 90.8457, 61.2844 looks on a white background.

Color Contrast Check

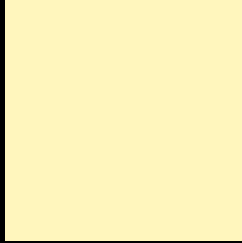
Large Text (above 18pt) WCAG AA × Fail

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 83.3811, 90.8457, 61.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

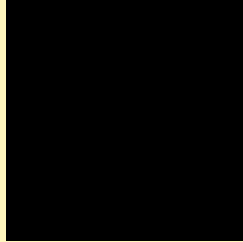
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3811, 90.8457, 61.2844

Background



This preview shows how black text looks on a background with the XYZ color 83.3811, 90.8457, 61.2844.



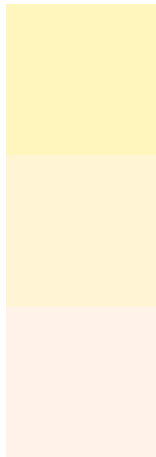
This preview shows how white text looks on a background with the XYZ color 83.3811, 90.8457,

61.2844.

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

83.3811, 90.8457, 61.2844

Protanopia

85.3486, 90.6645, 74.6297

Deuteranopia

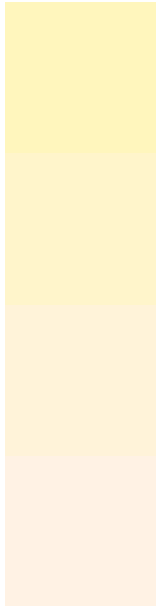
87.7001, 90.6475, 89.9652



Tritanopia

89.8127, 90.5452, 104.0101

Trichromacy



Original Color

83.3811, 90.8457, 61.2844

Protanomaly

84.6719, 90.8766, 69.5782

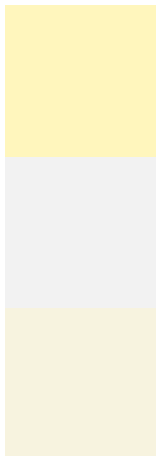
Deuteranomaly

85.8150, 90.3709, 78.5660

Tritanomaly

86.9957, 90.3657, 86.2559

Monochromacy



Original Color

83.3811, 90.8457, 61.2844

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.7276, 89.2031, 82.6170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3811, 90.8457, 61.2844 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, 246, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 189)  
}
```

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, 246, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 189) }
```

Border

The CSS property to change the border of an element to XYZ 83.3811, 90.8457, 61.2844 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, 246, 189) }
```


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

```
.border{ border-color:rgb(255, 246, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3811, 90.8457, 61.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 189) }
```

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

```
.background{ background-color: rgb(255,  
246, 189) }
```

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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