

Converting Colors

XYZ(205.8814, 153.9368,
66.2900)

Have a look what the booklet for
XYZ(205.8814, 153.9368, 66.2900)
contains.

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Color

**XYZ(83.2729, 90.8024,
60.7146)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6BC
RGB	255, 246, 188
RGB Percent	100%, 96%, 74%
CMY	0.0000, 0.0353, 0.2627
CMYK	0.00, 0.04, 0.26, 0.00
HSL	52°, 100%, 87%
HSV	52°, 26%, 100%
XYZ	83.2729, 90.8024, 60.7146
YIQ	242.0790, 23.9820, -16.1300

Conversions

Conversions Part 2

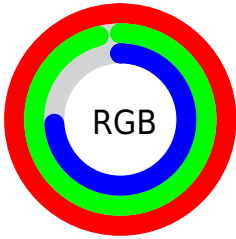
Format	Color
R _Y B	198, 255, 188
Decimal	16774844
CIE Lab	96.33, -5.74, 29.05
CIE LCh	96, 29.614, 101.172
Yxy	90.8024, 0.3547, 0.3867
Android (android.graphics.Color)	4294964924 (0xFFFFF6BC)
YUV	242.0790, -26.6609, 11.3317
Hunter-Lab	95.2903, -10.7693, 28.9263

Details

The XYZ color **83.2729, 90.8024, 60.7146** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.7548, 57.8422, 102.6757**, and the grayscale version is **84.6537, 89.0623, 96.9888**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **46.0052, 50.5539, 29.8874** is the 20% darker color. If you saturate the color by 10%, you get **79.7324, 87.7387, 47.1498**, and if you desaturate by 10%, it is **87.3227, 94.1068, 76.8475**.

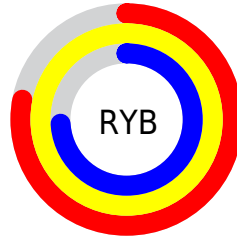
Distribution



Red (100%)

Green (96%)

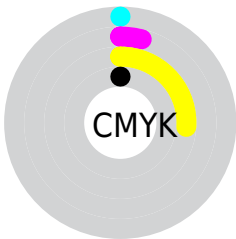
Blue (74%)



Red (78%)

Yellow (100%)

Blue (74%)

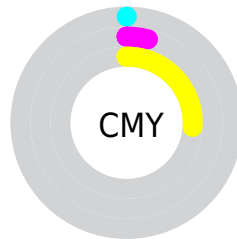


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2729, 90.8024, 60.7146 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 83.2729, 90.8024, 60.7146 by changing the saturation by 10% instead.


 83.2729, 90.8024,
60.7146

 83.2729, 90.8024,
60.7146

494.4658,
530.6376, 445.1043

 62.7330, 68.6463,
43.5658


 136.8842,
148.4525, 107.4191

 45.8831, 50.4237,
29.9946


170.6862,
184.7153, 137.8119

 32.3578, 35.7502,
19.5825


209.6397,
226.4491, 173.4564

 21.7918, 24.2413,
11.9109

254.1099,
274.0383, 214.7713

 13.8197, 15.5127,
6.5612

304.4623,
327.8674, 262.1749

 8.0763, 9.1800,
3.1150

361.0621,

 4.1960, 4.8588,

388.3207, 316.0860

1.1536

424.2749,
455.7827, 376.9229

■ 1.8136, 2.1646,
0.0000

■ 0.5258, 0.7006,
0.0000

■ 83.2729, 90.8024,
60.7146

■ 83.2729, 90.8024,
60.7146

■ 79.7324, 87.7387,
47.1498

■ 87.3227, 94.1068,
76.8475

■ 76.6690, 84.8932,
36.0129

■ 91.8990, 97.6496,
95.6677

■ 74.0569, 82.2586,
27.1586

95.0500, 100.0000,
108.9000

■ 71.8650, 79.8223,
20.4241

■ 70.0582, 77.5701,
15.6250

■ 68.5954, 75.4854,
12.5450

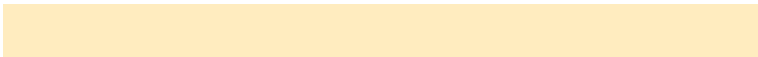
■ 67.4254, 73.5474,
10.9152

■ 67.0357, 72.8514,
10.5286

Harmonies

Analogous

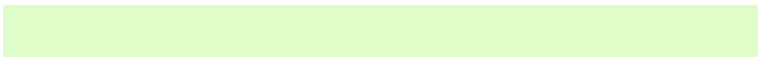
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5175, 90.8024, 61.8542



83.2729, 90.8024, 60.7146



76.2937, 90.8024, 68.5072

Triad

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



83.2729, 90.8024, 60.7146



74.9247, 90.8024, 131.8323



102.1784, 90.8024, 114.2400

Complementary

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



83.2729, 90.8024, 60.7146



58.7548, 57.8422, 102.6757

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.



97.1557, 90.8024, 137.0888



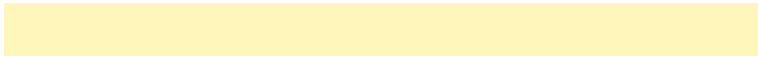
83.2729, 90.8024, 60.7146



81.2942, 90.8024, 148.3082

Square

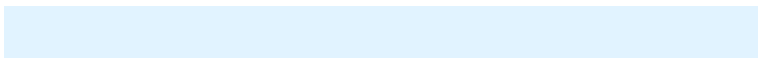
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.2729, 90.8024, 60.7146



71.6823, 90.8024, 107.9186



89.4097, 90.8024, 150.3718



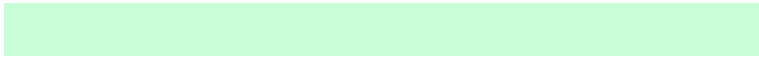
102.7922, 90.8024, 90.3388

Rectangle

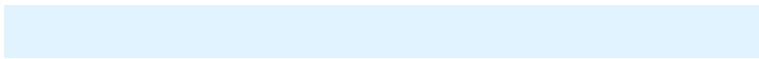
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.2729, 90.8024, 60.7146



73.1613, 90.8024, 78.5719



89.4097, 90.8024, 150.3718



100.9354, 90.8024, 122.3897

Sweetspot

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



83.2751, 90.8064, 60.7165



91.0703, 97.0203, 92.2215



69.4227, 61.3070, 61.6319



19.3410, 20.6502, 19.1108



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

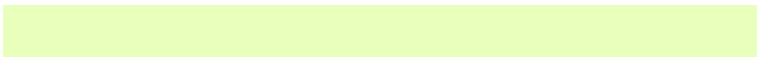
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2751, 90.8064, 60.7165



81.1862, 89.0219, 52.6424



77.9704, 92.2317, 61.2712



19.3410, 20.6502, 19.1108



35.1083, 38.2278, 5.5283



3.4735, 3.8323, 0.5566

Inverse Universe

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



58.7548, 57.8422, 102.6757



52.5862, 50.5780, 101.5987



63.0272, 57.1030, 102.3078



17.1996, 17.7707, 22.7735



9.7937, 4.4970, 49.7864



1.0112, 0.5531, 4.8667

Previews

White Background



This preview shows how the XYZ color 83.2729, 90.8024, 60.7146 looks on a white background.

Color Contrast Check

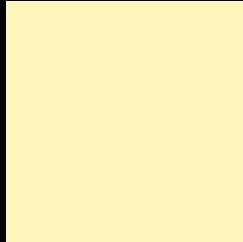
Large Text (above 18pt) WCAG AA × Fail

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 83.2729, 90.8024, 60.7146 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 83.2729, 90.8024, 60.7146

Background



This preview shows how black text looks on a background with the XYZ color 83.2729, 90.8024, 60.7146.



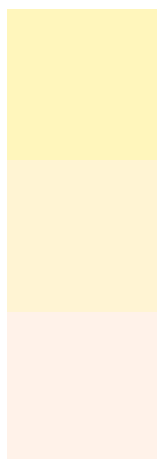
This preview shows how white text looks on a background with the XYZ color 83.2729, 90.8024,

60.7146.

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

83.2729, 90.8024, 60.7146

Protanopia

85.3486, 90.6645, 74.6297

Deuteranopia

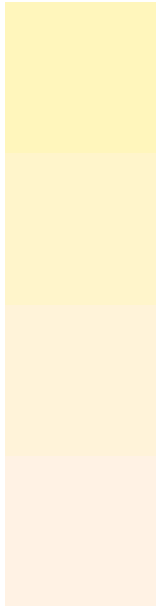
87.7001, 90.6475, 89.9652



Tritanopia

89.8127, 90.5452, 104.0101

Trichromacy



Original Color

83.2729, 90.8024, 60.7146

Protanomaly

84.6719, 90.8766, 69.5782

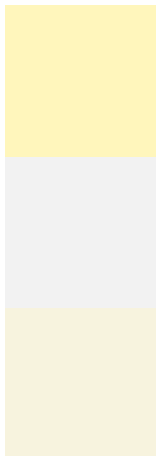
Deuteranomaly

85.8150, 90.3709, 78.5660

Tritanomaly

86.9957, 90.3657, 86.2559

Monochromacy



Original Color

83.2729, 90.8024, 60.7146

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.5932, 89.1493, 81.9089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2729, 90.8024, 60.7146 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 188) }
```

Border

The CSS property to change the border of an element to XYZ 83.2729, 90.8024, 60.7146 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, 188) }
```


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

```
.border{ border-color:rgb(255, 246, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2729, 90.8024, 60.7146 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
246, 188) }
```

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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