

Converting Colors

XYZ(76.9305, 76.7694, 35.8801)

Have a look what the booklet for
XYZ(76.9305, 76.7694, 35.8801)
contains.

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Color

**XYZ(71.3792, 73.8461,
35.6909)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB8D
RGB	255, 219, 141
RGB Percent	100%, 86%, 55%
CMY	0.0000, 0.1412, 0.4470
CMYK	0.00, 0.14, 0.45, 0.00
HSL	41°, 100%, 78%
HSV	41°, 45%, 100%
XYZ	71.3792, 73.8461, 35.6909
YIQ	220.8720, 46.4940, -16.6260

Conversions

Conversions Part 2

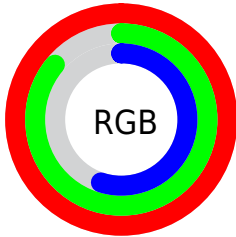
Format	Color
R_{YB}	194, 255, 141
Decimal	16767885
CIE _{Lab}	88.85, 2.54, 42.88
CIE _{LCh}	89, 42.951, 86.608
Yxy	73.8461, 0.3945, 0.4082
Android (android.graphics.Color)	4294957965 (0xFFFFDB8D)
YUV	220.8720, -39.3769, 29.9303
Hunter-Lab	85.9338, -2.1165, 35.5287

Details

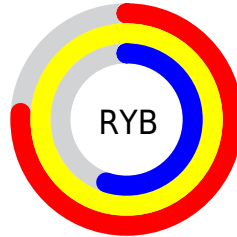
The XYZ color **71.3792, 73.8461, 35.6909** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.7561, 44.3254, 100.8042**, and the grayscale version is **68.8837, 72.4710, 78.9210**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **37.8436, 39.0080, 14.9859** is the 20% darker color. If you saturate the color by 10%, you get **67.6466, 69.0757, 26.1392**, and if you desaturate by 10%, it is **75.6539, 79.0014, 47.5798**.

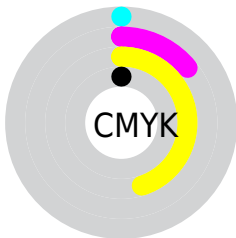
Distribution



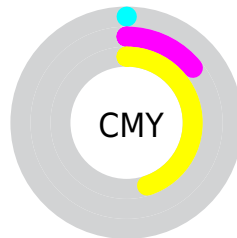
- Red (100%)
- Green (86%)
- Blue (55%)



- Red (76%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3792, 73.8461, 35.6909 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 71.3792, 73.8461, 35.6909 by changing the saturation by 10% instead.


 71.3792, 73.8461,
35.6909


 71.3792, 73.8461,
35.6909


454.5692,
473.9420, 342.6040

 52.9354, 54.6681,
23.9078


 120.1891,
124.6776, 69.7184

 37.9784, 39.1360,
15.0536


 151.2858,
157.0999, 92.7998

 26.1431, 26.8656,
8.7100


187.3310,
194.7058, 120.4844

 17.0640, 17.4723,
4.4583

228.6898,
237.8795, 153.1907

 10.3757, 10.5718,
1.8800

275.7276,
287.0057, 191.3373

 5.7129, 5.7797,
0.4800

328.8099,

 2.7103, 2.7116,

342.4685, 235.3427

0.0000

388.3020,
404.6525, 285.6254

■ 1.0025, 0.9831,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3792, 73.8461,
35.6909

■ 71.3792, 73.8461,
35.6909

■ 67.6466, 69.0757,
26.1392

■ 75.6539, 79.0014,
47.5798

■ 64.4187, 64.6647,
18.7597

■ 80.4941, 84.5450,
61.9468

■ 61.6618, 60.6001,
13.3728

■ 85.9283, 90.4931,
78.9266

■ 59.3344, 56.8629,
9.7680

■ 91.9812, 96.8578,
98.6432

■ 57.3859, 53.4305,
7.6865

95.0499, 99.9999,
108.9000

■ 56.4702, 51.7206,
7.0068

Harmonies

Analogous

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



81.7883, 73.8461, 41.4194



71.3792, 73.8461, 35.6909



61.6017, 73.8461, 39.2784

Triad

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



71.3792, 73.8461, 35.6909



53.7735, 73.8461, 108.9034



88.2576, 73.8461, 116.2526

Complementary

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



71.3792, 73.8461, 35.6909



44.7561, 44.3254, 100.8042

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.



79.5383, 73.8461, 143.3041



71.3792, 73.8461, 35.6909



59.7408, 73.8461, 138.3770

Square

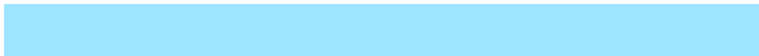
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3792, 73.8461, 35.6909



52.0472, 73.8461, 77.0623



69.0111, 73.8461, 152.2594



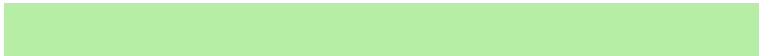
92.1202, 73.8461, 83.8447

Rectangle

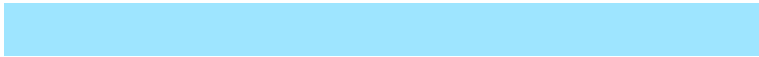
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3792, 73.8461, 35.6909



56.6278, 73.8461, 47.1103



69.0111, 73.8461, 152.2594



85.7578, 73.8461, 126.5545

Sweetspot

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



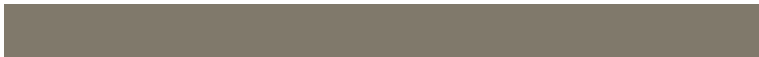
71.3810, 73.8496, 35.6924



86.9161, 91.5487, 82.0916



58.7110, 43.4887, 46.9478



18.3307, 19.3032, 16.6973



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.



71.3810, 73.8496, 35.6924



67.8930, 69.4003, 26.7395



74.5324, 90.9523, 38.8275



19.0491, 20.0665, 19.0136



29.6470, 27.3053, 3.7079



2.9848, 2.8549, 0.3937

Inverse Universe

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



44.7561, 44.3254, 100.8042



38.1324, 36.4345, 99.6305



42.4555, 33.9415, 98.9212



17.4710, 18.3136, 22.8640



11.0676, 7.0448, 50.2110



1.1707, 0.8722, 4.9199

Previews

White Background



This preview shows how the XYZ color 71.3792, 73.8461, 35.6909 looks on a white background.

Color Contrast Check

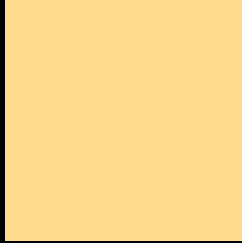
Large Text (above 18pt) WCAG AA × Fail

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 71.3792, 73.8461, 35.6909 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 71.3792, 73.8461, 35.6909

Background



This preview shows how black text looks on a background with the XYZ color 71.3792, 73.8461, 35.6909.



This preview shows how white text looks on a background with the XYZ color 71.3792, 73.8461,

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

71.3792, 73.8461, 35.6909

Protanopia

68.3077, 73.8132, 36.6338

Deuteranopia

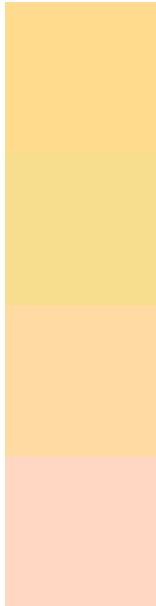
73.6928, 73.9417, 50.4325



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

71.3792, 73.8461, 35.6909

Protanomaly

69.3615, 73.9697, 36.2130

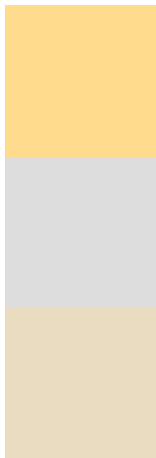
Deuteranomaly

72.8330, 74.0114, 44.6293

Tritanomaly

75.2780, 73.7559, 61.3077

Monochromacy



Original Color

71.3792, 73.8461, 35.6909

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7119, 72.3158, 60.2060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3792, 73.8461, 35.6909 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, 219, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 141)  
}
```

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, 219, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 141) }
```

Border

The CSS property to change the border of an element to XYZ 71.3792, 73.8461, 35.6909 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, 219, 141) }
```


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

```
.border{ border-color:rgb(255, 219, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3792, 73.8461, 35.6909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 141) }
```

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

```
.background{ background-color: rgb(255,  
219, 141) }
```

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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