

Converting Colors

XYZ(85.3223, 81.3555, 39.0626)

Have a look what the booklet for
XYZ(85.3223, 81.3555, 39.0626)
contains.

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Color

**XYZ(72.1785, 74.5845,
38.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDC94
RGB	255, 220, 148
RGB Percent	100%, 86%, 58%
CMY	0.0000, 0.1372, 0.4196
CMYK	0.00, 0.14, 0.42, 0.00
HSL	40°, 100%, 79%
HSV	40°, 42%, 100%
XYZ	72.1785, 74.5845, 38.6090
YIQ	222.2570, 43.9720, -14.9720

Conversions

Conversions Part 2

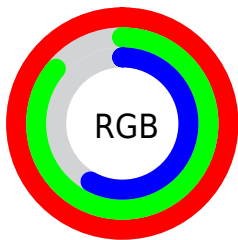
Format	Color
R _Y B	200, 255, 148
Decimal	16768148
CIE Lab	89.20, 2.73, 39.82
CIE LCh	89, 39.910, 86.078
Yxy	74.5845, 0.3894, 0.4024
Android (android.graphics.Color)	4294958228 (0xFFFFDC94)
YUV	222.2570, -36.6087, 28.7156
Hunter-Lab	86.3623, -1.9502, 33.9475

Details

The XYZ color **72.1785, 74.5845, 38.6090** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.1957, 47.3813, 101.2657**, and the grayscale version is **69.8434, 73.4806, 80.0204**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **38.5924, 39.6251, 16.6807** is the 20% darker color. If you saturate the color by 10%, you get **68.2443, 69.5981, 28.4129**, and if you desaturate by 10%, it is **76.6702, 79.9741, 51.1860**.

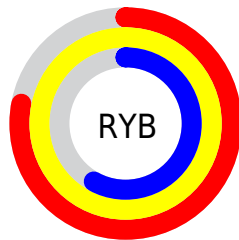
Distribution



Red (100%)

Green (86%)

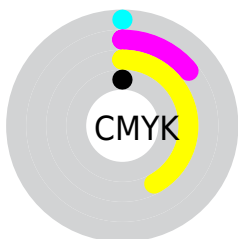
Blue (58%)



Red (78%)

Yellow (100%)

Blue (58%)

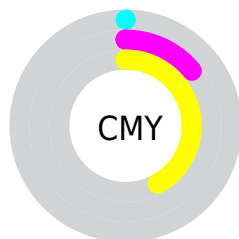


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1785, 74.5845, 38.6090 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 72.1785, 74.5845, 38.6090 by changing the saturation by 10% instead.


 72.1785, 74.5845,
38.6090

 72.1785, 74.5845,
38.6090


457.3106,
476.4882, 355.6015

 53.5905, 55.2726,
26.1502


 121.3197,
125.7240, 74.2544

 38.5037, 39.6200,
16.7093


 152.6036,
158.3204, 98.2780

 26.5529, 27.2424,
9.8677


188.8502,
196.1137, 126.9937

 17.3725, 17.7553,
5.2068

230.4248,
239.4884, 160.8199

 10.5974, 10.7745,
2.3083

277.6928,
288.8288, 200.1753

 5.8621, 5.9154,
0.7358

331.0195,

 2.8013, 2.7937,

344.5193, 245.4783

0.0000

390.7704,
406.9443, 297.1475

■ 1.0496, 1.0250,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1785, 74.5845,
38.6090

■ 72.1785, 74.5845,
38.6090

■ 68.2443, 69.5981,
28.4129

■ 76.6702, 79.9741,
51.1860

■ 64.8310, 64.9896,
20.4371

■ 81.7424, 85.7703,
66.2812

■ 61.9058, 60.7459,
14.5085

■ 87.4229, 91.9895,
84.0267

■ 59.4288, 56.8486,
10.4256

■ 93.7364, 98.6438,
104.5440

■ 57.3525, 53.2757,
7.9460

95.0500, 100.0000,
108.9000

■ 55.9170, 50.6140,
6.8223

Harmonies

Analogous

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



81.8580, 74.5845, 44.3541



72.1785, 74.5845, 38.6090



62.9762, 74.5845, 41.9487

Triad

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



72.1785, 74.5845, 38.6090



55.3716, 74.5845, 107.1281



87.5847, 74.5845, 114.9509

Complementary

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



72.1785, 74.5845, 38.6090



47.1957, 47.3813, 101.2657

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.



79.4411, 74.5845, 139.5038



72.1785, 74.5845, 38.6090



60.9489, 74.5845, 134.3098

Square

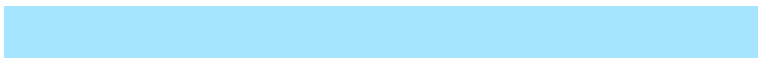
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1785, 74.5845, 38.6090



53.8076, 74.5845, 77.5977



69.6176, 74.5845, 147.2919



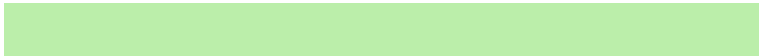
91.2526, 74.5845, 84.9324

Rectangle

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



72.1785, 74.5845, 38.6090



58.2446, 74.5845, 49.4102



69.6176, 74.5845, 147.2919



85.2456, 74.5845, 124.3617

Sweetspot

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



72.1803, 74.5880, 38.6105



86.8031, 91.3226, 82.0539



60.4472, 45.8873, 50.8364



18.3027, 19.2472, 16.6879



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.



72.1803, 74.5880, 38.6105



68.9736, 70.5456, 30.2313



76.0863, 91.6914, 41.7059



19.0312, 20.0305, 19.0076



29.3599, 26.7309, 3.6122



2.9584, 2.8022, 0.3849

Inverse Universe

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



47.1957, 47.3813, 101.2657



41.1020, 40.2204, 100.2048



44.3316, 36.4897, 99.3143



17.4881, 18.3479, 22.8697



11.1841, 7.2778, 50.2499



1.1837, 0.8981, 4.9242

Previews

White Background



This preview shows how the XYZ color 72.1785, 74.5845, 38.6090 looks on a white background.

Color Contrast Check

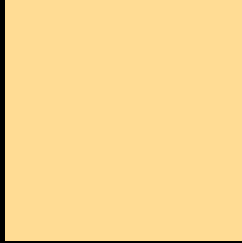
Large Text (above 18pt) WCAG AA × Fail

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 72.1785, 74.5845, 38.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

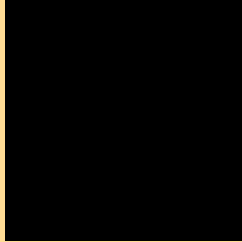
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1785, 74.5845, 38.6090

Background



This preview shows how black text looks on a background with the XYZ color 72.1785, 74.5845, 38.6090.



This preview shows how white text looks on a background with the XYZ color 72.1785, 74.5845,

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

72.1785, 74.5845, 38.6090

Protanopia

69.1228, 74.5680, 39.6041

Deuteranopia

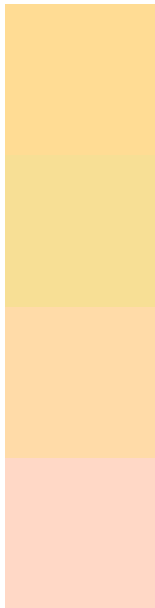
74.4481, 74.6575, 53.1343



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

72.1785, 74.5845, 38.6090

Protanomaly

70.1703, 74.7194, 39.1577

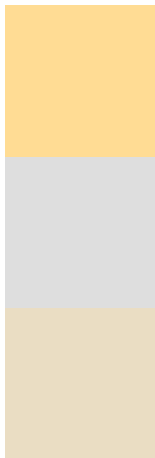
Deuteranomaly

73.6394, 74.7502, 47.5928

Tritanomaly

75.9889, 74.4490, 63.7911

Monochromacy



Original Color

72.1785, 74.5845, 38.6090

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6385, 73.1455, 62.0779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1785, 74.5845, 38.6090 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, 220, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 148)  
}
```

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, 220, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 148) }
```

Border

The CSS property to change the border of an element to XYZ 72.1785, 74.5845, 38.6090 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, 220, 148) }
```


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

```
.border{ border-color:rgb(255, 220, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1785, 74.5845, 38.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 148) }
```

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

```
.background{ background-color: rgb(255,  
220, 148) }
```

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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