

Converting Colors

XYZ(72.2200, 75.7637, 35.2433)

Have a look what the booklet for
XYZ(72.2200, 75.7637, 35.2433)
contains.

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Color

**XYZ(72.2879, 75.8994,
35.2662)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDF8B
RGB	255, 223, 139
RGB Percent	100%, 87%, 55%
CMY	0.0000, 0.1255, 0.4549
CMYK	0.00, 0.13, 0.45, 0.00
HSL	43°, 100%, 77%
HSV	43°, 45%, 100%
XYZ	72.2879, 75.8994, 35.2662
YIQ	222.9920, 46.0360, -19.3400

Conversions

Conversions Part 2

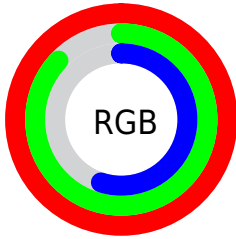
Format	Color
RYB	183, 255, 139
Decimal	16768907
CIELab	89.81, 0.31, 45.09
CIElCh	90, 45.086, 89.604
Yxy	75.8994, 0.3940, 0.4137
Android (android.graphics.Color)	4294958987 (0xFFFFDF8B)
YUV	222.9920, -41.4081, 28.0710
Hunter-Lab	87.1203, -4.3504, 36.9836

Details

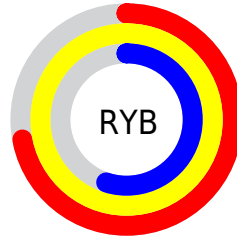
The XYZ color **72.2879, 75.8994, 35.2662** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.2600, 41.8335, 100.4023**, and the grayscale version is **70.3972, 74.0634, 80.6550**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **38.4879, 40.4291, 14.7919** is the 20% darker color. If you saturate the color by 10%, you get **68.7980, 71.5616, 25.9583**, and if you desaturate by 10%, it is **76.2941, 80.5742, 46.8916**.

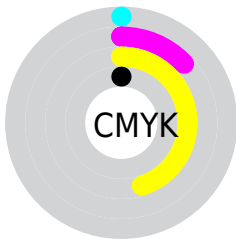
Distribution



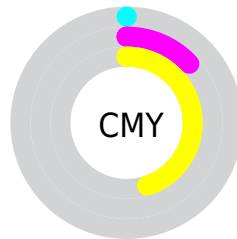
- Red (100%)
- Green (87%)
- Blue (55%)



- Red (72%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2879, 75.8994, 35.2662 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 72.2879, 75.8994, 35.2662 by changing the saturation by 10% instead.


 72.2879, 75.8994,
35.2662

 72.2879, 75.8994,
35.2662


457.6851,
481.0033, 340.6817

 53.6802, 56.3500,
23.5828


 121.4743,
127.5847, 69.0542

 38.5757, 40.4836,
14.8151


 152.7838,
160.4894, 91.9959

 26.6090, 27.9158,
8.5445


 189.0579,
198.6147, 119.5274

 17.4149, 18.2622,
4.3526

230.6620,
242.3449, 152.0673

 10.6279, 11.1384,
1.8207

277.9614,
292.0645, 190.0342

 5.8826, 6.1600,
0.4416

331.3215,

 2.8138, 2.9426,

348.1578, 233.8465

0.0000

391.1076,
411.0093, 283.9228

■ 1.0561, 1.1018,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2879, 75.8994,
35.2662

■ 72.2879, 75.8994,
35.2662

■ 68.7980, 71.5616,
25.9583

■ 76.2941, 80.5742,
46.8916

■ 65.7873, 67.5362,
18.8015

■ 80.8398, 85.5884,
60.9762

■ 63.2220, 63.8107,
13.6146

■ 85.9530, 90.9574,
77.6554

■ 61.0608, 60.3672,
10.1843

■ 91.6582, 96.6924,
97.0537

■ 59.2525, 57.1837,
8.2467

95.0500, 100.0000,
108.9000

■ 58.5195, 55.8191,
7.6899

Harmonies

Analogous

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



83.5152, 75.8994, 40.2573



72.2879, 75.8994, 35.2662



62.0790, 75.8994, 39.9960

Triad

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



72.2879, 75.8994, 35.2662



55.0918, 75.8994, 116.7558



92.2118, 75.8994, 117.6807

Complementary

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



72.2879, 75.8994, 35.2662



43.2600, 41.8335, 100.4023

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.



83.2335, 75.8994, 148.1808



72.2879, 75.8994, 35.2662



61.8478, 75.8994, 147.5574

Square

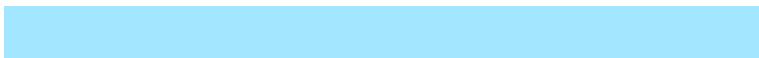
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2879, 75.8994, 35.2662



52.7916, 75.8994, 82.2193



71.9925, 75.8994, 160.3000



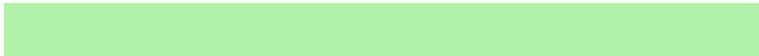
95.7181, 75.8994, 83.0653

Rectangle

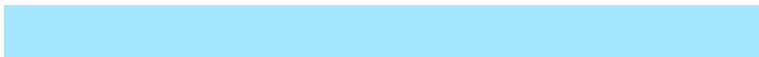
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2879, 75.8994, 35.2662



57.0425, 75.8994, 48.9542



71.9925, 75.8994, 160.3000



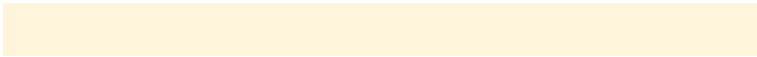
89.6910, 75.8994, 129.0479

Sweetspot

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



72.2898, 75.9030, 35.2677



86.7646, 91.7880, 80.3690



57.9067, 42.6995, 44.1533



18.3204, 19.3894, 16.3649



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.



72.2898, 75.9030, 35.2677



68.9574, 71.7666, 26.3622



73.0108, 90.1851, 37.9865



19.1128, 20.1937, 19.0348



30.7093, 29.4299, 4.0620



3.0817, 3.0487, 0.4260

Inverse Universe

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



43.2600, 41.8335, 100.4023



36.5496, 33.7722, 99.2001



42.6208, 33.5929, 98.8454



17.4107, 18.1930, 22.8439



10.6932, 6.2960, 50.0862



1.1279, 0.7865, 4.9056

Previews

White Background



This preview shows how the XYZ color 72.2879, 75.8994, 35.2662 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 72.2879, 75.8994, 35.2662 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 72.2879, 75.8994, 35.2662

Background



This preview shows how black text looks on a background with the XYZ color 72.2879, 75.8994, 35.2662.



This preview shows how white text looks on a background with the XYZ color 72.2879, 75.8994,

35.2662.

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

72.2879, 75.8994, 35.2662

Protanopia

70.2878, 76.0603, 35.7875

Deuteranopia

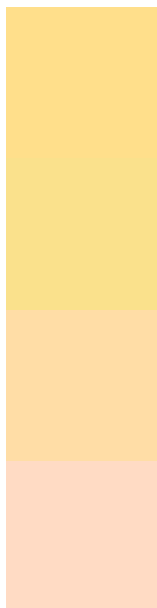
75.2767, 75.8238, 54.9239



Tritanopia

79.7995, 75.9732, 83.8572

Trichromacy



Original Color

72.2879, 75.8994, 35.2662

Protanomaly

71.0832, 76.0679, 35.7470

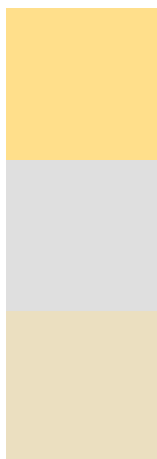
Deuteranomaly

73.9794, 75.7261, 46.7939

Tritanomaly

76.5353, 75.9086, 62.8425

Monochromacy



Original Color

72.2879, 75.8994, 35.2662

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1631, 74.2433, 60.5016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2879, 75.8994, 35.2662 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, 223, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 139)  
}
```

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, 223, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 139) }
```

Border

The CSS property to change the border of an element to XYZ 72.2879, 75.8994, 35.2662 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, 223, 139) }
```


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

```
.border{ border-color:rgb(255, 223, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2879, 75.8994, 35.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 139) }
```

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

```
.background{ background-color: rgb(255,  
223, 139) }
```

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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