

Converting Colors

XYZ(92.4268, 88.2071, 44.1902)

Have a look what the booklet for
XYZ(92.4268, 88.2071, 44.1902)
contains.

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Color

**XYZ(75.0692, 79.1811,
43.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE49D
RGB	255, 228, 157
RGB Percent	100%, 89%, 62%
CMY	0.0000, 0.1059, 0.3843
CMYK	0.00, 0.11, 0.38, 0.00
HSL	43°, 100%, 81%
HSV	43°, 38%, 100%
XYZ	75.0692, 79.1811, 43.2252
YIQ	227.9790, 38.8830, -16.3570

Conversions

Conversions Part 2

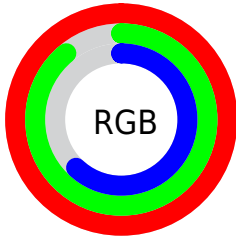
Format	Color
RYB	194, 255, 157
Decimal	16770205
CIELab	91.32, -0.39, 38.04
CIELCh	91, 38.039, 90.587
Yxy	79.1811, 0.3801, 0.4010
Android (android.graphics.Color)	4294960285 (0xFFFFE49D)
YUV	227.9790, -34.9926, 23.6974
Hunter-Lab	88.9838, -5.1340, 33.4876

Details

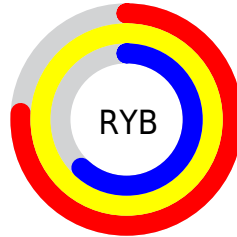
The XYZ color **75.0692, 79.1811, 43.2252** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0947, 48.6676, 101.4139**, and the grayscale version is **73.9571, 77.8086, 84.7336**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **40.5193, 42.7774, 19.4859** is the 20% darker color. If you saturate the color by 10%, you get **71.2227, 74.6160, 32.3001**, and if you desaturate by 10%, it is **79.4526, 84.0923, 56.5725**.

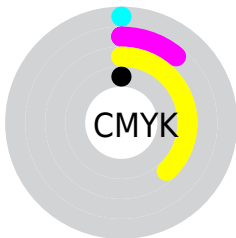
Distribution



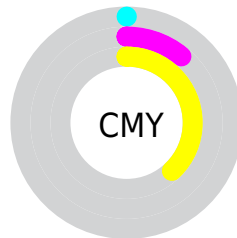
- Red (100%)
- Green (89%)
- Blue (62%)



- Red (76%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0692, 79.1811, 43.2252 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 75.0692, 79.1811, 43.2252 by changing the saturation by 10% instead.


 75.0692, 79.1811,
43.2252


 75.0692, 79.1811,
43.2252


467.1489,
492.1688, 375.4855

 55.9640, 59.0447,
29.7291

 125.3977,
132.2138, 81.3406

 40.4109, 42.6491,
19.3828


 157.3517,
165.8789, 106.7970

 28.0447, 29.6099,
11.7676

194.3192,
204.8223, 137.0773

 18.5000, 19.5427,
6.4650

236.6658,
249.4285, 172.5999

 11.4114, 12.0631,
3.0565

284.7567,
300.0819, 213.7836

 6.4136, 6.7866,
1.1236

338.9573,

 3.1412, 3.3290,

357.1668, 261.0467

0.0000

399.6329,
421.0676, 314.8078

■ 1.2289, 1.3058,
0.0000

■ 0.1290, 0.1457,
0.0000

■ 75.0692, 79.1811,
43.2252

■ 75.0692, 79.1811,
43.2252

■ 71.2227, 74.6160,
32.3001

■ 79.4526, 84.0923,
56.5725

■ 67.8777, 70.3728,
23.6421

■ 84.3938, 89.3509,
72.4744

■ 65.0036, 66.4406,
17.0853

■ 89.9198, 94.9718,
91.0596

■ 62.5632, 62.8030,
12.4395

95.0500, 100.0000,
108.9000

■ 60.5129, 59.4410,
9.4791

■ 58.7919, 56.3287,
7.8888

■ 58.5388, 55.8576,
7.6963

Harmonies

Analogous

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



84.7507, 79.1811, 47.6948



75.0692, 79.1811, 43.2252



66.2014, 79.1811, 48.0629

Triad

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



75.0692, 79.1811, 43.2252



60.3806, 79.1811, 116.2015



92.6192, 79.1811, 115.0539

Complementary

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



75.0692, 79.1811, 43.2252



49.0947, 48.6676, 101.4139

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.



85.1078, 79.1811, 140.5694



75.0692, 79.1811, 43.2252



66.5043, 79.1811, 141.3254

Square

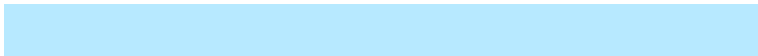
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0692, 79.1811, 43.2252



58.1782, 79.1811, 86.7607



75.4496, 79.1811, 151.0659



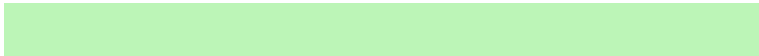
95.3937, 79.1811, 85.6711

Rectangle

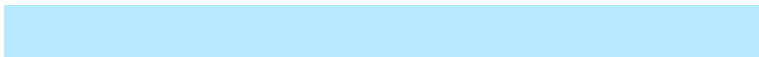
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0692, 79.1811, 43.2252



61.8068, 79.1811, 56.6692



75.4496, 79.1811, 151.0659



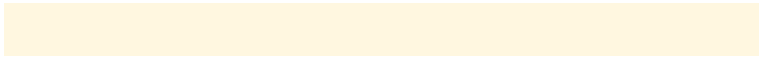
90.5345, 79.1811, 124.5738

Sweetspot

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



75.0712, 79.1848, 43.2268



87.8787, 92.9231, 84.1100



62.0299, 48.8677, 51.9339



18.6539, 19.7314, 17.4775



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.



75.0712, 79.1848, 43.2268



72.1106, 75.6960, 34.7412



75.7013, 91.4074, 45.5528



19.1133, 20.1949, 19.0350



30.7193, 29.4498, 4.0653



3.0826, 3.0505, 0.4263

Inverse Universe

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



49.0947, 48.6676, 101.4139



42.8583, 41.3510, 100.3304



48.5215, 40.8275, 99.9309



17.4102, 18.1919, 22.8437



10.6901, 6.2897, 50.0852



1.1276, 0.7858, 4.9055

Previews

White Background



This preview shows how the XYZ color 75.0692, 79.1811, 43.2252 looks on a white background.

Color Contrast Check

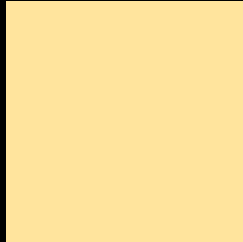
Large Text (above 18pt) WCAG AA × Fail

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 75.0692, 79.1811, 43.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

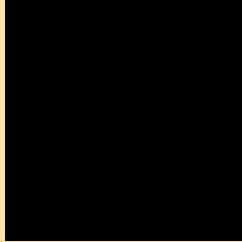
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0692, 79.1811, 43.2252

Background



This preview shows how black text looks on a background with the XYZ color 75.0692, 79.1811, 43.2252.



This preview shows how white text looks on a background with the XYZ color 75.0692, 79.1811,

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

75.0692, 79.1811, 43.2252

Protanopia

73.5353, 79.2020, 43.7595

Deuteranopia

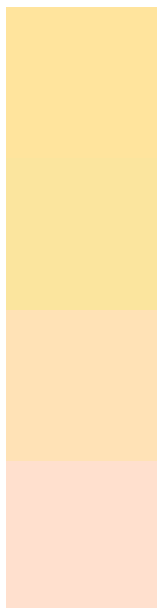
78.1290, 79.0959, 63.3738



Tritanopia

81.9477, 78.9134, 88.7546

Trichromacy



Original Color

75.0692, 79.1811, 43.2252

Protanomaly

73.9745, 79.0165, 43.7006

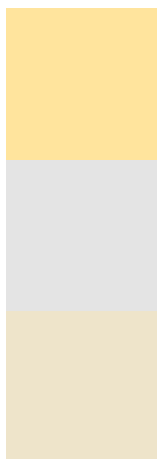
Deuteranomaly

76.8799, 79.0301, 55.4583

Tritanomaly

79.0362, 79.0275, 69.4807

Monochromacy



Original Color

75.0692, 79.1811, 43.2252

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6640, 77.9282, 67.0363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0692, 79.1811, 43.2252 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, 228, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 157)  
}
```

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, 228, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 157) }
```

Border

The CSS property to change the border of an element to XYZ 75.0692, 79.1811, 43.2252 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, 228, 157) }
```


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

```
.border{ border-color:rgb(255, 228, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 228, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 228, 157); box-shadow:4px 4px 4px 4px rgb(255, 228, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0692, 79.1811, 43.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 157) }
```

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

```
.background{ background-color: rgb(255,  
228, 157) }
```

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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