

Converting Colors

XYZ(81.5652, 80.2359, 38.5503)

Have a look what the booklet for
XYZ(81.5652, 80.2359, 38.5503)
contains.

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Color

**XYZ(72.5496, 75.5779,
37.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDE92
RGB	255, 222, 146
RGB Percent	100%, 87%, 57%
CMY	0.0000, 0.1294, 0.4274
CMYK	0.00, 0.13, 0.43, 0.00
HSL	42°, 100%, 79%
HSV	42°, 43%, 100%
XYZ	72.5496, 75.5779, 37.9583
YIQ	223.2030, 44.0640, -16.6400

Conversions

Conversions Part 2

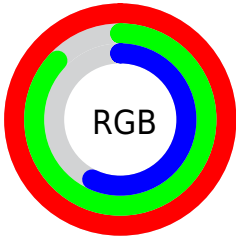
Format	Color
R _Y B	193, 255, 146
Decimal	16768658
CIE Lab	89.66, 1.51, 41.42
CIE LCh	90, 41.445, 87.917
Yxy	75.5779, 0.3899, 0.4061
Android (android.graphics.Color)	4294958738 (0xFFFFDE92)
YUV	223.2030, -38.0611, 27.8860
Hunter-Lab	86.9356, -3.1751, 34.9673

Details

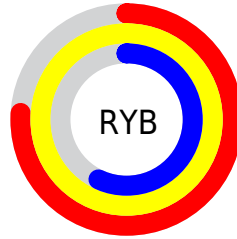
The XYZ color **72.5496, 75.5779, 37.9583** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.0236, 45.5696, 100.9777**, and the grayscale version is **70.5254, 74.1982, 80.8019**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **38.6040, 40.1813, 16.3108** is the 20% darker color. If you saturate the color by 10%, you get **68.7802, 70.8672, 27.9832**, and if you desaturate by 10%, it is **76.8591, 80.6603, 50.2976**.

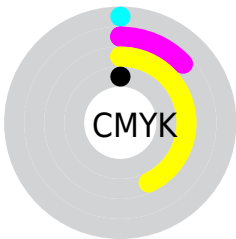
Distribution



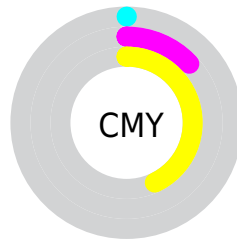
- Red (100%)
- Green (87%)
- Blue (57%)



- Red (76%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5496, 75.5779, 37.9583 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 72.5496, 75.5779, 37.9583 by changing the saturation by 10% instead.


 72.5496, 75.5779,
37.9583


 72.5496, 75.5779,
37.9583


458.5803,
479.9015, 352.7339

 53.8948, 56.0865,
25.6487


 121.8442,
127.1301, 73.2469

 38.7479, 40.2722,
16.3376


 153.2147,
159.9596, 97.0631

 26.7435, 27.7509,
9.6065


189.5545,
198.0039, 125.5519

 17.5163, 18.1379,
5.0366

231.2289,
241.6474, 159.1318

 10.7008, 11.0491,
2.2097

278.6034,
291.2746, 198.2214

 5.9319, 6.0999,
0.6799

332.0432,

 2.8440, 2.9059,

347.2697, 243.2393

0.0000

391.9137,
410.0172, 294.6039

■ 1.0718, 1.0828,
0.0000

■ 0.0013, 0.0000,
0.0000

■ 72.5496, 75.5779,
37.9583

■ 72.5496, 75.5779,
37.9583

■ 68.7802, 70.8672,
27.9832

■ 76.8591, 80.6603,
50.2976

■ 65.5142, 66.5034,
20.2105

■ 81.7312, 86.1172,
65.1392

■ 62.7188, 62.4739,
14.4653

■ 87.1939, 91.9643,
82.6159

■ 60.3541, 58.7608,
10.5441

■ 93.2715, 98.2133,
102.8498

■ 58.3720, 55.3428, 95.0499, 100.0000,
8.1997 108.9000

■ 57.1230, 53.0261,
7.2243

Harmonies

Analogous

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



82.7622, 75.5779, 43.2883



72.5496, 75.5779, 37.9583



63.0385, 75.5779, 41.9718

Triad

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



72.5496, 75.5779, 37.9583



55.8621, 75.5779, 111.4873



89.7643, 75.5779, 115.8722

Complementary

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



72.5496, 75.5779, 37.9583



46.0236, 45.5696, 100.9777

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.



81.4129, 75.5779, 142.5637



72.5496, 75.5779, 37.9583



61.9138, 75.5779, 139.6397

Square

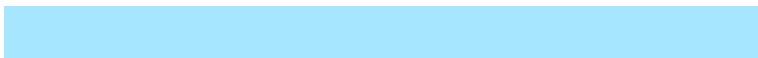
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5496, 75.5779, 37.9583



53.9650, 75.5779, 80.2672



71.1242, 75.5779, 152.1451



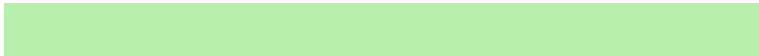
93.2685, 75.5779, 84.3496

Rectangle

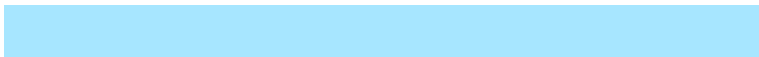
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5496, 75.5779, 37.9583



58.2408, 75.5779, 50.0980



71.1242, 75.5779, 152.1451



87.3942, 75.5779, 125.9633

Sweetspot

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



72.5515, 75.5814, 37.9598



87.0467, 91.8099, 82.1351



59.8103, 45.1349, 49.0168



18.3631, 19.3680, 16.7081



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.



72.5515, 75.5814, 37.9598



69.4007, 71.6639, 29.5600



75.2150, 91.2604, 40.8458



19.0699, 20.1080, 19.0205



29.9856, 27.9824, 3.8207



3.0158, 2.9169, 0.4041

Inverse Universe

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



46.0236, 45.5696, 100.9777



39.8322, 38.2403, 99.8895



44.0520, 35.8838, 99.2121



17.4513, 18.2742, 22.8574



10.9391, 6.7877, 50.1682



1.1562, 0.8432, 4.9151

Previews

White Background



This preview shows how the XYZ color 72.5496, 75.5779, 37.9583 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 72.5496, 75.5779, 37.9583 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 72.5496, 75.5779, 37.9583

Background



This preview shows how black text looks on a background with the XYZ color 72.5496, 75.5779, 37.9583.



This preview shows how white text looks on a background with the XYZ color 72.5496, 75.5779,

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

72.5496, 75.5779, 37.9583

Protanopia

69.8479, 75.3695, 38.4702

Deuteranopia

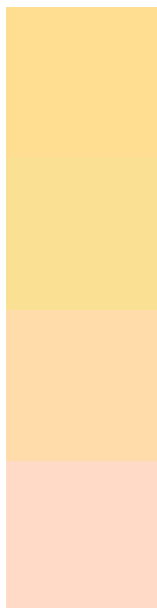
75.0150, 75.3004, 54.8367



Tritanopia

79.5440, 75.4623, 83.7720

Trichromacy



Original Color

72.5496, 75.5779, 37.9583

Protanomaly

70.9890, 75.5576, 38.4463

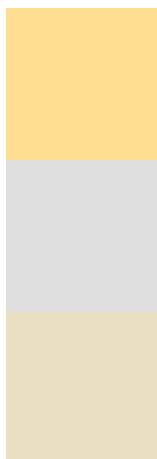
Deuteranomaly

73.9946, 75.3110, 48.1727

Tritanomaly

76.5044, 75.4800, 63.9630

Monochromacy



Original Color

72.5496, 75.5779, 37.9583

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4990, 74.3777, 62.2704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5496, 75.5779, 37.9583 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, 222, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 146)  
}
```

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, 222, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 146) }
```

Border

The CSS property to change the border of an element to XYZ 72.5496, 75.5779, 37.9583 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, 222, 146) }
```


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

```
.border{ border-color:rgb(255, 222, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5496, 75.5779, 37.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 146) }
```

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

```
.background{ background-color: rgb(255,  
222, 146) }
```

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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