

Converting Colors

XYZ(73.6518, 75.2963, 45.9906)

Have a look what the booklet for
XYZ(73.6518, 75.2963, 45.9906)
contains.

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Color

**XYZ(73.5340, 75.1267,
45.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCA4
RGB	255, 220, 164
RGB Percent	100%, 86%, 64%
CMY	0.0000, 0.1372, 0.3569
CMYK	0.00, 0.14, 0.36, 0.00
HSL	37°, 100%, 82%
HSV	37°, 36%, 100%
XYZ	73.5340, 75.1267, 45.7472
YIQ	224.0810, 38.8360, -9.9960

Conversions

Conversions Part 2

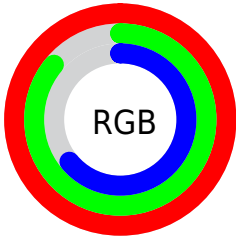
Format	Color
R _Y B	221, 255, 164
Decimal	16768164
CIE Lab	89.45, 4.47, 32.02
CIE LCh	89, 32.330, 82.049
Yxy	75.1267, 0.3782, 0.3864
Android (android.graphics.Color)	4294958244 (0xFFFFDCA4)
YUV	224.0810, -29.6199, 27.1160
Hunter-Lab	86.6757, -0.2464, 29.3798

Details

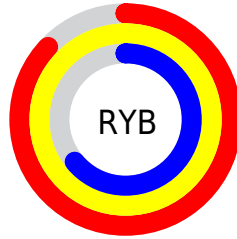
The XYZ color **73.5340, 75.1267, 45.7472** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7827, 55.9575, 102.5739**, and the grayscale version is **71.0967, 74.7992, 81.4564**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **39.4057, 39.9504, 20.9635** is the 20% darker color. If you saturate the color by 10%, you get **68.9600, 69.3017, 33.9778**, and if you desaturate by 10%, it is **78.7246, 81.4453, 60.0016**.

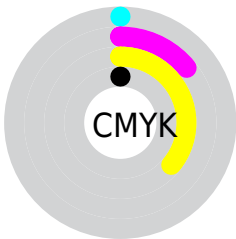
Distribution



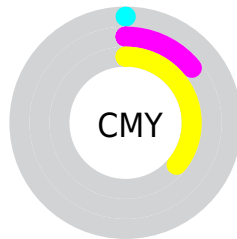
- Red (100%)
- Green (86%)
- Blue (64%)



- Red (87%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5340, 75.1267, 45.7472 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 73.5340, 75.1267, 45.7472 by changing the saturation by 10% instead.


 73.5340, 75.1267,
45.7472


 73.5340, 75.1267,
45.7472


461.9387,
478.3529, 386.0394

 54.7026, 55.7167,
31.6992


 123.2340,
126.4917, 85.1708

 39.3966, 39.9758,
20.8689


 154.8335,
159.2155, 111.3835

 27.2505, 27.5197,
12.8379


191.4196,
197.1460, 142.4881

 17.8990, 17.9639,
7.1876

233.3578,
240.6676, 178.9032

 10.9768, 10.9241,
3.4995

281.0135,
290.1647, 221.0474

 6.1184, 6.0158,
1.3550

334.7519,

 2.9585, 2.8547,

346.0217, 269.3391

0.1062

394.9386,
408.6230, 324.1969

■ 1.1319, 1.0563,
0.0000

■ 0.0515, 0.0000,
0.0000

■ 73.5340, 75.1267,
45.7472

■ 73.5340, 75.1267,
45.7472

■ 68.9600, 69.3017,
33.9778

■ 78.7246, 81.4453,
60.0016

■ 64.9664, 63.9437,
24.5417

■ 84.5539, 88.2623,
76.8712

■ 61.5220, 59.0386,
17.2778

■ 91.0500, 95.5954,
96.4825

■ 58.5891, 54.5670,
12.0022

95.0500, 100.0000,
108.9000

■ 56.1245, 50.5072,
8.5003

■ 54.0750, 46.8333,
6.5063

■ 53.2866, 45.3533,
5.9455

Harmonies

Analogous

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



81.1918, 75.1267, 51.9902



73.5340, 75.1267, 45.7472



65.8371, 75.1267, 47.6548

Triad

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



73.5340, 75.1267, 45.7472



58.1940, 75.1267, 99.2995



84.1068, 75.1267, 111.6775

Complementary

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



73.5340, 75.1267, 45.7472



53.7827, 55.9575, 102.5739

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.



77.2797, 75.1267, 129.2773



73.5340, 75.1267, 45.7472



62.4393, 75.1267, 121.2597

Square

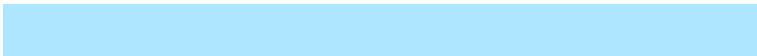
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5340, 75.1267, 45.7472



57.3535, 75.1267, 75.9117



69.3188, 75.1267, 133.0750



87.5838, 75.1267, 87.9857

Rectangle

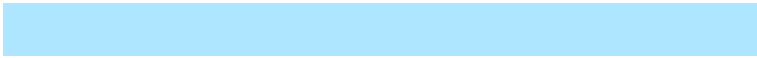
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5340, 75.1267, 45.7472



61.6791, 75.1267, 53.4873



69.3188, 75.1267, 133.0750



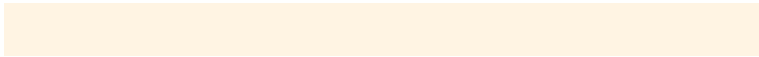
82.1046, 75.1267, 118.6702

Sweetspot

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



73.5359, 75.1302, 45.7487



87.5131, 91.6331, 85.7114



64.9881, 52.0006, 61.5016



18.5449, 19.4020, 17.7848



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

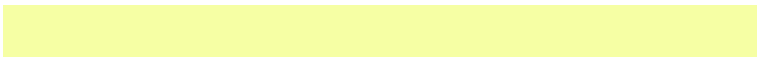
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5359, 75.1302, 45.7487



70.1303, 70.8201, 36.9032



80.4320, 93.7752, 48.9841



18.9403, 19.8487, 18.9773



27.9924, 23.9961, 3.1564



2.8314, 2.5481, 0.3426

Inverse Universe

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



53.7827, 55.9575, 102.5739



47.6689, 49.0317, 101.5594



48.5819, 42.6675, 100.2828



17.5757, 18.5229, 22.8989



11.8501, 8.6097, 50.4719



1.2557, 1.0420, 4.9482

Previews

White Background



This preview shows how the XYZ color 73.5340, 75.1267, 45.7472 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 73.5340, 75.1267, 45.7472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

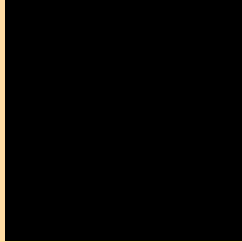
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5340, 75.1267, 45.7472

Background



This preview shows how black text looks on a background with the XYZ color 73.5340, 75.1267, 45.7472.



This preview shows how white text looks on a background with the XYZ color 73.5340, 75.1267,

45.7472.

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

73.5340, 75.1267, 45.7472

Protanopia

70.0838, 75.3044, 46.9178

Deuteranopia

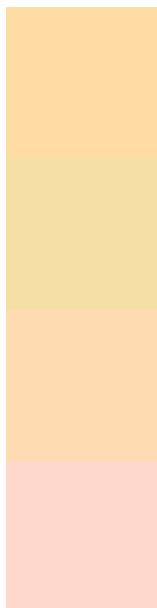
75.0684, 74.9056, 56.4006



Tritanopia

79.1517, 74.8992, 82.9583

Trichromacy



Original Color

73.5340, 75.1267, 45.7472

Protanomaly

71.1852, 75.0848, 46.3383

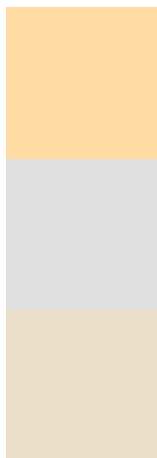
Deuteranomaly

74.5073, 75.0974, 52.1633

Tritanomaly

76.6950, 74.7314, 67.5091

Monochromacy



Original Color

73.5340, 75.1267, 45.7472

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3093, 74.7018, 66.5376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5340, 75.1267, 45.7472 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 164) }
```

Border

The CSS property to change the border of an element to XYZ 73.5340, 75.1267, 45.7472 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, 164) }
```


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

```
.border{ border-color:rgb(255, 220, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5340, 75.1267, 45.7472 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
220, 164) }
```

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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