

Converting Colors

XYZ(118.1425, 100.0000,
53.3377)

Have a look what the booklet for
XYZ(118.1425, 100.0000, 53.3377)
contains.

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Color

**XYZ(75.8052, 78.1664,
51.1367)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1AE
RGB	255, 225, 174
RGB Percent	100%, 88%, 68%
CMY	0.0000, 0.1176, 0.3176
CMYK	0.00, 0.12, 0.32, 0.00
HSL	38°, 100%, 84%
HSV	38°, 32%, 100%
XYZ	75.8052, 78.1664, 51.1367
YIQ	228.1560, 34.2510, -9.5010

Conversions

Conversions Part 2

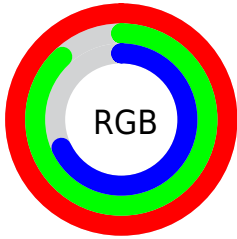
Format	Color
R_{YB}	222, 255, 174
Decimal	16769454
CIE _{Lab}	90.86, 3.10, 28.77
CIE _{LCh}	91, 28.940, 83.850
Yxy	78.1664, 0.3696, 0.3811
Android (android.graphics.Color)	4294959534 (0xFFFFE1AE)
YUV	228.1560, -26.6989, 23.5422
Hunter-Lab	88.4118, -1.6728, 27.5953

Details

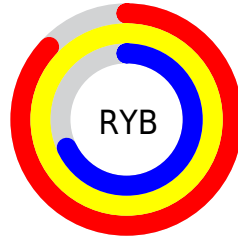
The XYZ color **75.8052, 78.1664, 51.1367** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.0979, 59.4026, 103.0642**, and the grayscale version is **74.0303, 77.8857, 84.8175**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **40.8519, 42.0002, 24.0429** is the 20% darker color. If you saturate the color by 10%, you get **71.0694, 72.3025, 38.4358**, and if you desaturate by 10%, it is **81.1580, 84.5085, 66.3733**.

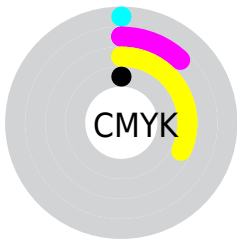
Distribution



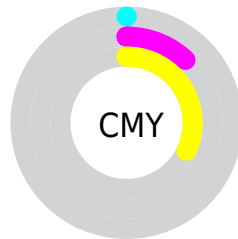
- Red (100%)
- Green (88%)
- Blue (68%)



- Red (87%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8052, 78.1664, 51.1367 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 75.8052, 78.1664, 51.1367 by changing the saturation by 10% instead.


 75.8052, 78.1664,
51.1367

 75.8052, 78.1664,
51.1367


469.6352,
488.7318, 407.9564

 56.5693, 58.2107,
35.9399


 126.4333,
130.7847, 93.2704

 40.8983, 41.9780,
24.0985


158.5563,
164.2160, 121.0444

 28.4270, 29.0841,
15.1938


195.7056,
202.9080, 153.8478

 18.7899, 19.1445,
8.8074

238.2466,
247.2451, 192.0993

 11.6216, 11.7747,
4.5207

286.5447,
297.6116, 236.2174

 6.5570, 6.5905,
1.9151

340.9653,

 3.2304, 3.2073,

354.3919, 286.6206

0.5023

401.8737,
417.9705, 343.7274

■ 1.2768, 1.2409,
0.0000

■ 0.1657, 0.0947,
0.0000

■ 75.8052, 78.1664,
51.1367

■ 75.8052, 78.1664,
51.1367

■ 71.0694, 72.3025,
38.4358

■ 81.1580, 84.5085,
66.3733

■ 66.9157, 66.8910,
28.1240

■ 87.1490, 91.3326,
84.2714

■ 63.3145, 61.9190,
20.0469

■ 93.8051, 98.6556,
104.9542

■ 60.2301, 57.3686,
14.0300

95.0500, 100.0000,
108.9000

■ 57.6223, 53.2197,
9.8724

■ 55.4428, 49.4489,
7.3320

■ 53.9104, 46.6008,
6.1535

Harmonies

Analogous

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



82.8660, 78.1664, 56.6580



75.8052, 78.1664, 51.1367



68.7748, 78.1664, 53.4450

Triad

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



75.8052, 78.1664, 51.1367



62.2082, 78.1664, 102.3792



86.1865, 78.1664, 111.0294

Complementary

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



75.8052, 78.1664, 51.1367



57.0979, 59.4026, 103.0642

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.



80.1026, 78.1664, 127.3152



75.8052, 78.1664, 51.1367



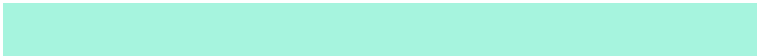
66.3360, 78.1664, 121.7775

Square

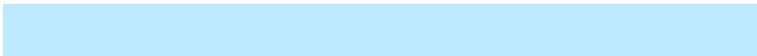
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8052, 78.1664, 51.1367



61.2227, 78.1664, 80.8852



72.8046, 78.1664, 131.5389



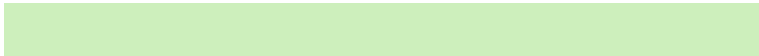
89.1066, 78.1664, 89.4793

Rectangle

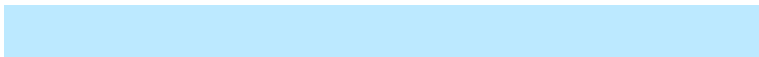
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8052, 78.1664, 51.1367



65.0091, 78.1664, 59.3389



72.8046, 78.1664, 131.5389



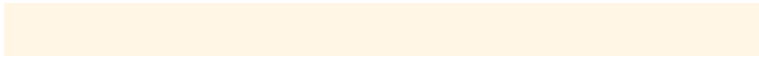
84.4252, 78.1664, 117.4339

Sweetspot

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



75.8071, 78.1700, 51.1383



88.2741, 92.5877, 87.7140



67.4021, 55.9432, 65.0357



18.7021, 19.6033, 18.1858



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.



75.8071, 78.1700, 51.1383



72.7824, 74.4566, 42.9284



81.2486, 94.0877, 53.9239



18.9627, 19.8936, 18.9847



28.3171, 24.6454, 3.2646



2.8618, 2.6089, 0.3527

Inverse Universe

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



57.0979, 59.4026, 103.0642



51.4581, 53.0749, 102.1401



52.8226, 47.6157, 101.0144



17.5539, 18.4794, 22.8916



11.6733, 8.2562, 50.4129



1.2369, 1.0045, 4.9420

Previews

White Background



This preview shows how the XYZ color 75.8052, 78.1664, 51.1367 looks on a white background.

Color Contrast Check

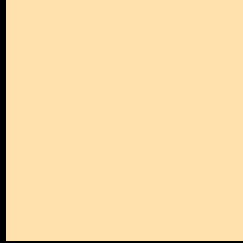
Large Text (above 18pt) WCAG AA × Fail

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 75.8052, 78.1664, 51.1367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

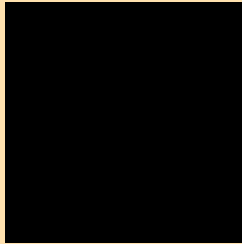
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8052, 78.1664, 51.1367

Background



This preview shows how black text looks on a background with the XYZ color 75.8052, 78.1664, 51.1367.



This preview shows how white text looks on a background with the XYZ color 75.8052, 78.1664,

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

75.8052, 78.1664, 51.1367

Protanopia

73.1640, 78.4063, 52.3521

Deuteranopia

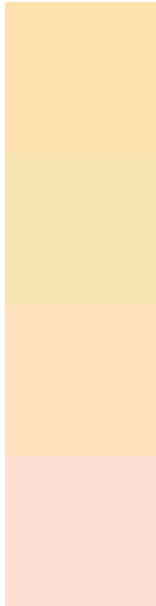
77.7057, 78.0666, 63.7961



Tritanopia

81.5412, 78.3296, 87.9122

Trichromacy



Original Color

75.8052, 78.1664, 51.1367

Protanomaly

74.1927, 78.5384, 51.8065

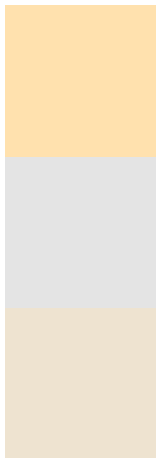
Deuteranomaly

77.0810, 78.2454, 59.1844

Tritanomaly

79.2449, 78.2560, 73.2156

Monochromacy



Original Color

75.8052, 78.1664, 51.1367

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1141, 77.6694, 70.7600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8052, 78.1664, 51.1367 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, 225, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 174)  
}
```

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, 225, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 174) }
```

Border

The CSS property to change the border of an element to XYZ 75.8052, 78.1664, 51.1367 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, 225, 174) }
```


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

```
.border{ border-color:rgb(255, 225, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8052, 78.1664, 51.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 174) }
```

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

```
.background{ background-color: rgb(255,  
225, 174) }
```

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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