

Converting Colors

XYZ(75.4112, 78.7675, 52.4397)

Have a look what the booklet for
XYZ(75.4112, 78.7675, 52.4397)
contains.

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Color

**XYZ(75.4504, 78.7682,
52.3014)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE3B0
RGB	252, 227, 176
RGB Percent	99%, 89%, 69%
CMY	0.0118, 0.1098, 0.3098
CMYK	0.00, 0.10, 0.30, 0.01
HSL	40°, 93%, 84%
HSV	40°, 30%, 99%
XYZ	75.4504, 78.7682, 52.3014
YIQ	228.6610, 31.2710, -10.5610

Conversions

Conversions Part 2

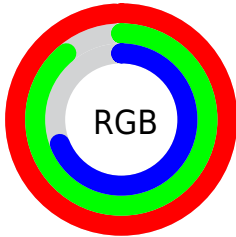
Format	Color
R _Y B	213, 252, 176
Decimal	16573360
CIE Lab	91.13, 1.20, 28.07
CIE LCh	91, 28.099, 87.559
Yxy	78.7682, 0.3653, 0.3814
Android (android.graphics.Color)	4294763440 (0xFFFC3B0)
YUV	228.6610, -25.9619, 20.4683
Hunter-Lab	88.7515, -3.5666, 27.1863

Details

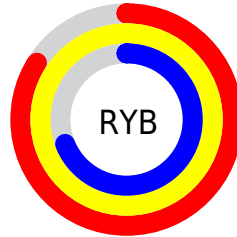
The XYZ color **75.4504, 78.7682, 52.3014** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.3613, 58.0299, 100.3259**, and the grayscale version is **74.3973, 78.2718, 85.2380**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **40.8334, 42.5372, 24.7972** is the 20% darker color. If you saturate the color by 10%, you get **70.9730, 73.4398, 39.6285**, and if you desaturate by 10%, it is **80.5039, 84.5072, 67.4515**.

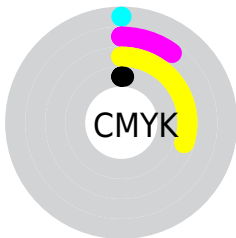
Distribution



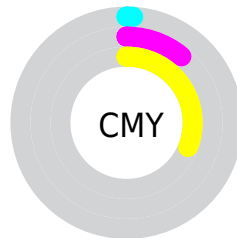
- Red (99%)
- Green (89%)
- Blue (69%)



- Red (84%)
- Yellow (99%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (1%)




- Cyan (1%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4504, 78.7682, 52.3014 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 75.4504, 78.7682, 52.3014 by changing the saturation by 10% instead.


 75.4504, 78.7682,
52.3014

 75.4504, 78.7682,
52.3014


468.4376,
490.7718, 412.5891

 56.2774, 58.7052,
36.8615


 125.9342,
131.6325, 95.0067

 40.6633, 42.3759,
24.8053


157.9758,
165.2026, 123.1091

 28.2426, 29.3957,
15.7144


195.0376,
204.0439, 156.2695

 18.6500, 19.3804,
9.1701

237.4850,
248.5408, 194.9063

 11.5201, 11.9455,
4.7540

285.6833,
299.0776, 239.4382

 6.4877, 6.7066,
2.0474

339.9980,

 3.1873, 3.2793,

356.0388, 290.2836

0.5842

400.7943,
419.8087, 347.8610

■ 1.2536, 1.2792,
0.0000

■ 0.1480, 0.1250,
0.0000

■ 75.4504, 78.7682,
52.3014

■ 75.4504, 78.7682,
52.3014

■ 70.9730, 73.4398,
39.6285

■ 80.5039, 84.5072,
67.4515

■ 67.0384, 68.4980,
29.2924

■ 86.1526, 90.6584,
85.1992

■ 63.6189, 63.9319,
21.1459

■ 92.4219, 97.2372,
105.6626

■ 60.6816, 59.7257,
15.0229

■ 93.9549, 99.4355,
108.8488

■ 58.1888, 55.8620,
10.7334

■ 56.0959, 52.3201,
8.0508

■ 54.3560, 49.1176,
6.6158

Harmonies

Analogous

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



82.4403, 78.7682, 56.7911



75.4504, 78.7682, 52.3014



68.7198, 78.7682, 55.5341

Triad

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



75.4504, 78.7682, 52.3014



63.3922, 78.7682, 105.1792



87.0037, 78.7682, 108.5222

Complementary

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



75.4504, 78.7682, 52.3014



56.3613, 58.0299, 100.3259

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.



81.3698, 78.7682, 125.3562



75.4504, 78.7682, 52.3014



67.7720, 78.7682, 123.2215

Square

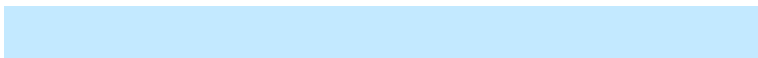
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4504, 78.7682, 52.3014



62.0253, 78.7682, 84.1089



74.2862, 78.7682, 131.1166



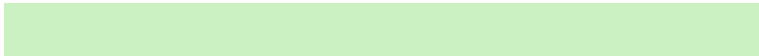
89.3686, 78.7682, 87.4430

Rectangle

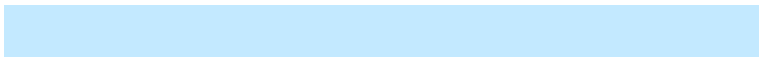
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4504, 78.7682, 52.3014



65.2269, 78.7682, 61.9699



74.2862, 78.7682, 131.1166



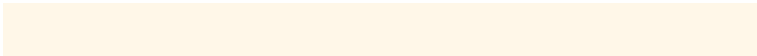
85.4126, 78.7682, 114.9838

Sweetspot

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



75.4524, 78.7718, 52.3030



89.2119, 93.8876, 89.8013



66.2527, 55.9797, 62.7783



18.9035, 19.8915, 18.6065



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

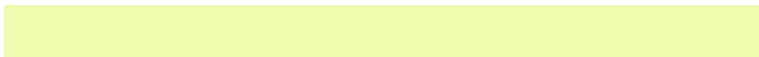
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4524, 78.7718, 52.3030



74.7425, 77.6590, 45.7947



78.3565, 91.1644, 54.5420



18.2182, 19.1723, 18.2028



28.4551, 25.8668, 3.4931



2.7323, 2.5894, 0.3558

Inverse Universe

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



56.3613, 58.0299, 100.3259



52.3517, 53.3405, 102.1443



54.0005, 48.8562, 98.6796



16.7493, 17.5753, 21.8949



10.8786, 7.1127, 48.7731



1.1001, 0.8439, 4.5481

Previews

White Background



This preview shows how the XYZ color 75.4504, 78.7682, 52.3014 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 75.4504, 78.7682, 52.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

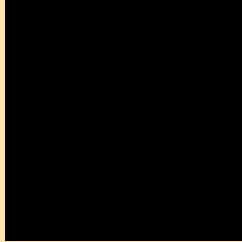
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4504, 78.7682, 52.3014

Background



This preview shows how black text looks on a background with the XYZ color 75.4504, 78.7682, 52.3014.



This preview shows how white text looks on a background with the XYZ color 75.4504, 78.7682,

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

75.4504, 78.7682, 52.3014

Protanopia

73.6113, 78.6254, 52.8915

Deuteranopia

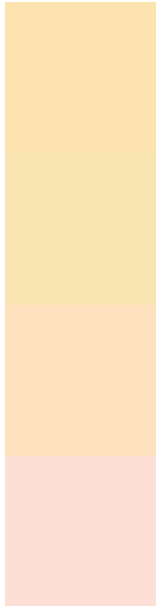
78.2045, 78.6948, 65.1006



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

75.4504, 78.7682, 52.3014

Protanomaly

74.3906, 78.6176, 52.8489

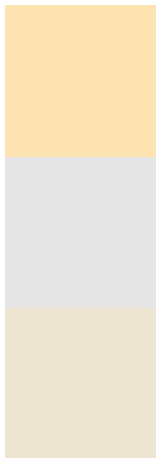
Deuteranomaly

77.2022, 78.6828, 60.4085

Tritanomaly

79.3983, 78.7012, 74.6244

Monochromacy



Original Color

75.4504, 78.7682, 52.3014

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3013, 78.1445, 72.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4504, 78.7682, 52.3014 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(252, 227, 176)` looks like.

```
.text, #text, p{  
    color:rgb(252, 227, 176)  
}
```

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(252, 227, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 227, 176) }
```

Border

The CSS property to change the border of an element to XYZ 75.4504, 78.7682, 52.3014 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(252, 227, 176) }
```


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

```
.border{ border-color:rgb(252, 227, 176) }
```

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

Here you see how a box with a 4 pixel rgb(252, 227, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 227, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 227, 176);  
box-shadow:4px 4px 4px 4px rgb(252, 227,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4504, 78.7682, 52.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 227, 176) }
```

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

```
.background{ background-color: rgb(252,  
227, 176) }
```

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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