

Converting Colors

XYZ(76.0052, 78.6379, 52.7677)

Have a look what the booklet for
XYZ(76.0052, 78.6379, 52.7677)
contains.

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Color

**XYZ(76.0052, 78.6379,
52.7677)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE2B1
RGB	254, 226, 177
RGB Percent	100%, 89%, 69%
CMY	0.0039, 0.1137, 0.3059
CMYK	0.00, 0.11, 0.30, 0.00
HSL	38°, 97%, 85%
HSV	38°, 30%, 100%
XYZ	76.0052, 78.6379, 52.7677
YIQ	228.7860, 32.4170, -9.3030

Conversions

Conversions Part 2

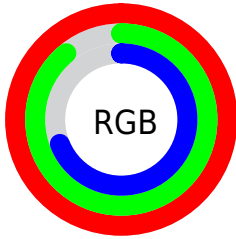
Format	Color
R_{YB}	221, 254, 177
Decimal	16704177
CIE _{Lab}	91.07, 2.58, 27.51
CIE _{LCh}	91, 27.629, 84.635
Yxy	78.6379, 0.3664, 0.3791
Android (android.graphics.Color)	4294894257 (0xFFEE2B1)
YUV	228.7860, -25.5305, 22.1127
Hunter-Lab	88.6780, -2.1956, 26.7942

Details

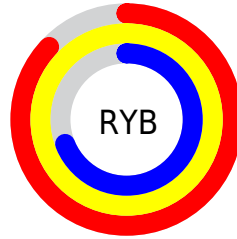
The XYZ color **76.0052, 78.6379, 52.7677** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.8516, 60.1636, 102.3297**, and the grayscale version is **74.4856, 78.3647, 85.3391**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **40.9660, 42.3168, 25.0776** is the 20% darker color. If you saturate the color by 10%, you get **71.2622, 72.8331, 39.8374**, and if you desaturate by 10%, it is **81.3588, 84.9089, 68.2280**.

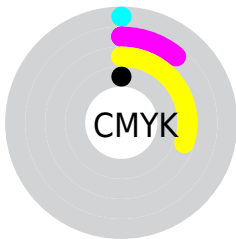
Distribution



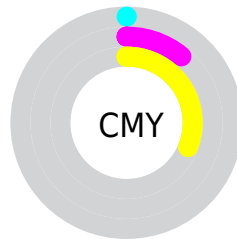
- Red (100%)
- Green (89%)
- Blue (69%)



- Red (87%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0052, 78.6379, 52.7677 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 76.0052, 78.6379, 52.7677 by changing the saturation by 10% instead.


 76.0052, 78.6379,
52.7677

 76.0052, 78.6379,
52.7677


470.3096,
490.3305, 414.4342

 56.7338, 58.5981,
37.2309


 126.7146,
131.4490, 95.7005

 41.0309, 42.2897,
25.0891


158.8833,
164.9891, 123.9337

 28.5310, 29.3282,
15.9238


196.0819,
203.7981, 157.2360

 18.8688, 19.3292,
9.3165

238.6756,
248.2604, 196.0260

 11.6790, 11.9084,
4.8486

287.0299,
298.7604, 240.7223

 6.5961, 6.6814,
2.1015

341.5101,

 3.2549, 3.2636,

355.6825, 291.7434

0.6167

402.4816,
419.4111, 349.5079

■ 1.2899, 1.2709,
0.0000

■ 0.1757, 0.1185,
0.0000

■ 76.0052, 78.6379,
52.7677

■ 76.0052, 78.6379,
52.7677

■ 71.2622, 72.8331,
39.8374

■ 81.3588, 84.9089,
68.2280

■ 67.0953, 67.4690,
29.2936

■ 87.3431, 91.6492,
86.3413

■ 63.4758, 62.5334,
20.9857

■ 93.9847, 98.8752,
107.2286

■ 60.3692, 58.0091,
14.7440

■ 94.6831, 99.8108,
108.8828

■ 57.7366, 53.8767,
10.3740

■ 55.5317, 50.1141,
7.6435

■ 53.7328, 46.7902,
6.1994

Harmonies

Analogous

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



82.7847, 78.6379, 57.9435



76.0052, 78.6379, 52.7677



69.2861, 78.6379, 55.2166

Triad

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



76.0052, 78.6379, 52.7677



63.1931, 78.6379, 102.6685



86.2327, 78.6379, 109.8575

Complementary

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



76.0052, 78.6379, 52.7677



57.8516, 60.1636, 102.3297

Split Complementary

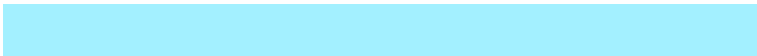
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4791, 78.6379, 125.5380



76.0052, 78.6379, 52.7677



67.2396, 78.6379, 120.9555

Square

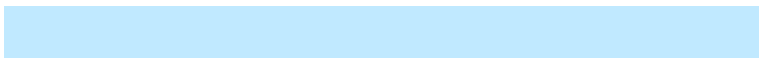
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0052, 78.6379, 52.7677



62.1589, 78.6379, 82.0786



73.4948, 78.6379, 129.8857



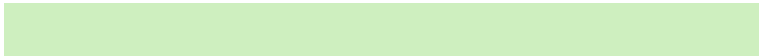
88.9201, 78.6379, 89.2686

Rectangle

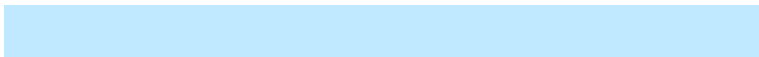
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0052, 78.6379, 52.7677



65.7029, 78.6379, 61.0765



73.4948, 78.6379, 129.8857



84.5764, 78.6379, 115.9972

Sweetspot

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



76.0072, 78.6415, 52.7693



88.9683, 93.4005, 89.7201



67.6434, 56.9350, 65.3306



18.8434, 19.7713, 18.5864



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.



76.0072, 78.6415, 52.7693



73.8906, 75.9551, 45.5107



80.5937, 93.2436, 55.3461



18.9734, 19.9149, 18.9883



28.4738, 24.9589, 3.3168



2.8764, 2.6381, 0.3576

Inverse Universe

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



57.8516, 60.1636, 102.3297



53.0651, 54.7674, 102.3821



54.1712, 49.1995, 100.4073



17.5436, 18.4589, 22.8882



11.5925, 8.0945, 50.3860



1.2282, 0.9872, 4.9391

Previews

White Background



This preview shows how the XYZ color 76.0052, 78.6379, 52.7677 looks on a white background.

Color Contrast Check

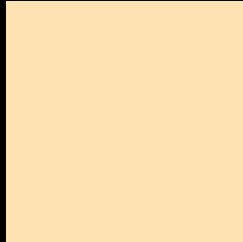
Large Text (above 18pt) WCAG AA × Fail

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 76.0052, 78.6379, 52.7677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

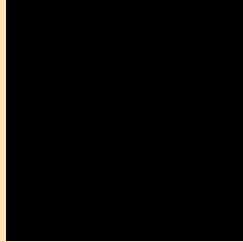
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0052, 78.6379, 52.7677

Background



This preview shows how black text looks on a background with the XYZ color 76.0052, 78.6379, 52.7677.



This preview shows how white text looks on a background with the XYZ color 76.0052, 78.6379,

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

76.0052, 78.6379, 52.7677

Protanopia

73.7114, 78.6655, 53.4184

Deuteranopia

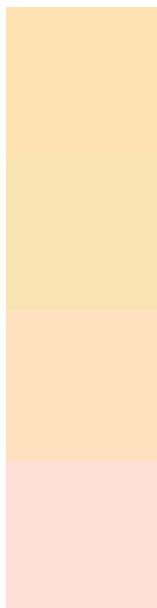
78.2045, 78.6948, 65.1006



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

76.0052, 78.6379, 52.7677

Protanomaly

74.4907, 78.6576, 53.3758

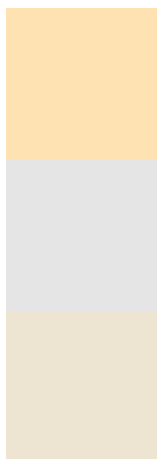
Deuteranomaly

77.5692, 78.8720, 60.4257

Tritanomaly

79.3715, 78.3066, 73.8822

Monochromacy



Original Color

76.0052, 78.6379, 52.7677

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6362, 78.3171, 72.1557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0052, 78.6379, 52.7677 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(254, 226, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 177)  
}
```

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(254, 226, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 177) }
```

Border

The CSS property to change the border of an element to XYZ 76.0052, 78.6379, 52.7677 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(254, 226, 177) }
```


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

```
.border{ border-color:rgb(254, 226, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 226, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0052, 78.6379, 52.7677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 177) }
```

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

```
.background{ background-color: rgb(254,  
226, 177) }
```

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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