

Converting Colors

XYZ(76.4993, 82.5790, 42.0444)

Have a look what the booklet for
XYZ(76.4993, 82.5790, 42.0444)
contains.

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Color

**XYZ(76.4126, 82.4055,
42.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEA99
RGB	255, 234, 153
RGB Percent	100%, 92%, 60%
CMY	0.0000, 0.0823, 0.4000
CMYK	0.00, 0.08, 0.40, 0.00
HSL	48°, 100%, 80%
HSV	48°, 40%, 100%
XYZ	76.4126, 82.4055, 42.0155
YIQ	231.0450, 38.5170, -20.7390

Conversions

Conversions Part 2

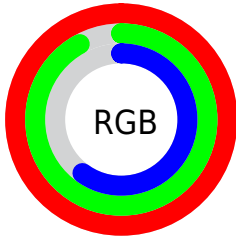
Format	Color
RYB	179, 255, 153
Decimal	16771737
CIELab	92.75, -3.84, 41.90
CIELCh	93, 42.076, 95.243
Yxy	82.4055, 0.3805, 0.4103
Android (android.graphics.Color)	4294961817 (0xFFFFEA99)
YUV	231.0450, -38.4762, 21.0085
Hunter-Lab	90.7775, -8.6069, 36.1024

Details

The XYZ color **76.4126, 82.4055, 42.0155** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.3226, 44.2631, 100.7099**, and the grayscale version is **76.2482, 80.2191, 87.3586**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **41.2953, 44.6507, 18.7539** is the 20% darker color. If you saturate the color by 10%, you get **73.0560, 78.7102, 31.5929**, and if you desaturate by 10%, it is **80.2677, 86.3770, 54.8264**.

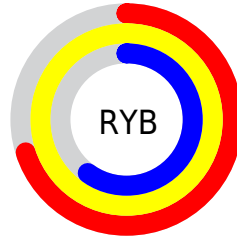
Distribution



Red (100%)

Green (92%)

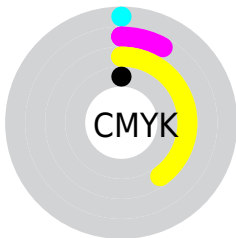
Blue (60%)



Red (70%)

Yellow (100%)

Blue (60%)

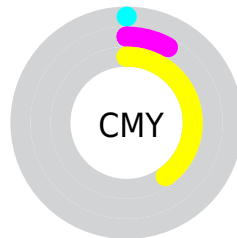


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4126, 82.4055, 42.0155 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 76.4126, 82.4055, 42.0155 by changing the saturation by 10% instead.


 76.4126, 82.4055,
42.0155

 76.4126, 82.4055,
42.0155


471.6816,
503.0031, 370.3487

 57.0691, 61.6998,
28.7878


 127.2872,
136.7425, 79.4934

 41.3011, 44.7902,
18.6761


 159.5491,
171.1426, 104.5807

 28.7431, 31.2922,
11.2621


196.8478,
210.8764, 134.4582

 19.0299, 20.8215,
6.1270

239.5488,
256.3281, 169.5446

 11.7960, 12.9936,
2.8524

288.0172,
307.8823, 210.2583

 6.6761, 7.4241,
1.0198

342.6187,

 3.3049, 3.7287,

365.9232, 257.0178

0.0000

403.7183,
430.8353, 310.2418

■ 1.3170, 1.5230,
0.0000

■ 0.1959, 0.3048,
0.0000

■ 76.4126, 82.4055,
42.0155

■ 76.4126, 82.4055,
42.0155

■ 73.0560, 78.7102,
31.5929

■ 80.2677, 86.3770,
54.8264

■ 70.1624, 75.2673,
23.4011

■ 84.6418, 90.6245,
70.1595

■ 67.7012, 72.0671,
17.2715

■ 89.5617, 95.1624,
88.1449

■ 65.6350, 69.0938,
13.0094

95.0500, 100.0000,
108.9000

■ 63.9193, 66.3291,
10.3823

■ 62.4817, 63.7433,
9.0106

■ 62.4815, 63.7431,
9.0105

Harmonies

Analogous

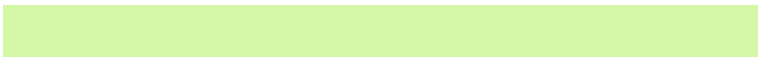
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4925, 82.4055, 45.2926



76.4126, 82.4055, 42.0155



66.7732, 82.4055, 48.8824

Triad

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



76.4126, 82.4055, 42.0155



62.3306, 82.4055, 129.2883



99.0798, 82.4055, 117.4724

Complementary

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



76.4126, 82.4055, 42.0155



46.3226, 44.2631, 100.7099

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.



91.1354, 82.4055, 148.6507



76.4126, 82.4055, 42.0155



69.8194, 82.4055, 156.5129

Square

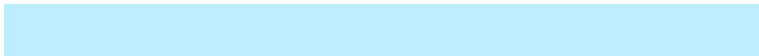
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4126, 82.4055, 42.0155



59.1427, 82.4055, 95.3586



80.2669, 82.4055, 164.3178



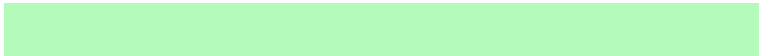
101.2598, 82.4055, 84.3188

Rectangle

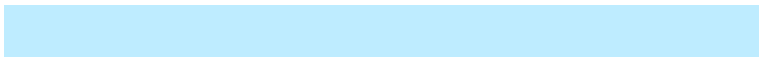
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4126, 82.4055, 42.0155



62.2427, 82.4055, 59.5073



80.2669, 82.4055, 164.3178



96.9608, 82.4055, 128.7546

Sweetspot

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



76.4146, 82.4093, 42.0172



88.5324, 94.2307, 84.3280



60.3795, 47.1425, 46.5270



18.8084, 20.0404, 17.5290



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

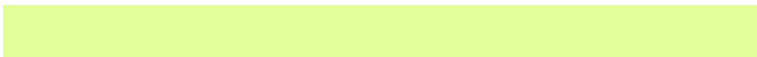
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4146, 82.4093, 42.0172



73.6892, 79.4287, 33.4931



72.9056, 90.0050, 43.6683



19.2251, 20.4184, 19.0722



32.7585, 33.5283, 4.7451



3.2658, 3.4170, 0.4874

Inverse Universe

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



46.3226, 44.2631, 100.7099



39.8514, 36.5572, 99.5636



48.7099, 39.9364, 99.7490



17.3058, 17.9833, 22.8090



10.1690, 5.2477, 49.9115



1.0638, 0.6583, 4.8843

Previews

White Background



This preview shows how the XYZ color 76.4126, 82.4055, 42.0155 looks on a white background.

Color Contrast Check

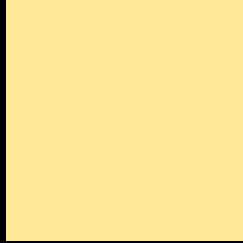
Large Text (above 18pt) WCAG AA × Fail

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 76.4126, 82.4055, 42.0155 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 76.4126, 82.4055, 42.0155

Background



This preview shows how black text looks on a background with the XYZ color 76.4126, 82.4055, 42.0155.



This preview shows how white text looks on a background with the XYZ color 76.4126, 82.4055,

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

76.4126, 82.4055, 42.0155

Protanopia

76.0456, 82.2164, 41.9983

Deuteranopia

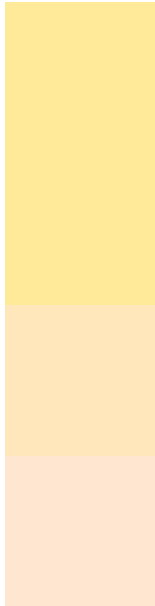
80.6774, 82.3099, 70.0278



Tritanopia

84.2891, 82.4302, 93.1295

Trichromacy



Original Color

76.4126, 82.4055, 42.0155

Protanomaly

76.0456, 82.2164, 41.9983

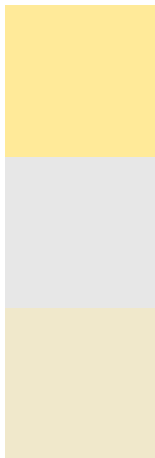
Deuteranomaly

78.7856, 81.9997, 58.6888

Tritanomaly

80.9220, 82.4077, 71.3157

Monochromacy



Original Color

76.4126, 82.4055, 42.0155

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5713, 80.5503, 68.0646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4126, 82.4055, 42.0155 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, 234, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 153)  
}
```

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, 234, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 153) }
```

Border

The CSS property to change the border of an element to XYZ 76.4126, 82.4055, 42.0155 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, 234, 153) }
```


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

```
.border{ border-color:rgb(255, 234, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 234, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4126, 82.4055, 42.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 153) }
```

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

```
.background{ background-color: rgb(255,  
234, 153) }
```

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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