

Converting Colors

XYZ(96.8787, 92.8823, 40.7699)

Have a look what the booklet for
XYZ(96.8787, 92.8823, 40.7699)
contains.

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Color

**XYZ(76.0081, 82.2438,
39.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEA94
RGB	255, 234, 148
RGB Percent	100%, 92%, 58%
CMY	0.0000, 0.0823, 0.4196
CMYK	0.00, 0.08, 0.42, 0.00
HSL	48°, 100%, 79%
HSV	48°, 42%, 100%
XYZ	76.0081, 82.2438, 39.8855
YIQ	230.4750, 40.1220, -22.2940

Conversions

Conversions Part 2

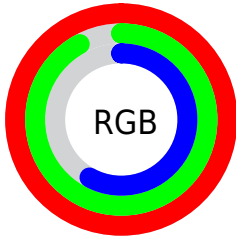
Format	Color
R_{YB}	174, 255, 148
Decimal	16771732
CIE _{Lab}	92.68, -4.36, 44.28
CIE _{LCh}	93, 44.495, 95.623
Yxy	82.2438, 0.3836, 0.4151
Android (android.graphics.Color)	4294961812 (0xFFFFEA94)
YUV	230.4750, -40.6602, 21.5084
Hunter-Lab	90.6884, -9.0995, 37.4056

Details

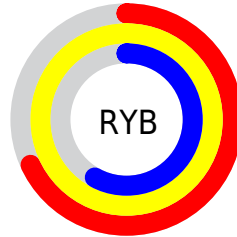
The XYZ color **76.0081, 82.2438, 39.8855** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.4503, 41.8904, 100.3504**, and the grayscale version is **75.8388, 79.7883, 86.8895**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **41.0577, 44.5556, 17.5025** is the 20% darker color. If you saturate the color by 10%, you get **72.8043, 78.7182, 29.9329**, and if you desaturate by 10%, it is **79.7008, 86.0353, 52.1963**.

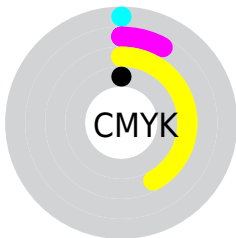
Distribution



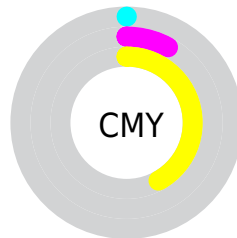
- Red (100%)
- Green (92%)
- Blue (58%)



- Red (68%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0081, 82.2438, 39.8855 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 76.0081, 82.2438, 39.8855 by changing the saturation by 10% instead.


 76.0081, 82.2438,
39.8855


 76.0081, 82.2438,
39.8855


470.3194,
502.4628, 361.1785

 56.7362, 61.5665,
27.1362


 126.7187,
136.5158, 76.2243

 41.0328, 44.6825,
17.4422


 158.8880,
170.8794, 100.6509

 28.5325, 31.2074,
10.3850


196.0873,
210.5738, 129.8069

 18.8700, 20.7569,
5.5460

238.6818,
255.9835, 164.1110

 11.6798, 12.9464,
2.5068

287.0369,
307.4928, 203.9817

 6.5967, 7.3916,
0.8437

341.5180,

 3.2552, 3.7082,

365.4863, 249.8374

0.0000

402.4904,
430.3481, 302.0969

■ 1.2901, 1.5117,
0.0000

■ 0.1758, 0.2970,
0.0000

■ 76.0081, 82.2438,
39.8855

■ 76.0081, 82.2438,
39.8855

■ 72.8043, 78.7182,
29.9329

■ 79.7008, 86.0353,
52.1963

■ 70.0535, 75.4346,
22.1780

■ 83.9036, 90.0928,
67.0017

■ 67.7243, 72.3830,
16.4480

■ 88.6434, 94.4304,
84.4336

■ 65.7782, 69.5474,
12.5421

■ 93.9435, 99.0581,
104.6132

■ 64.1690, 66.9088, 95.0499, 100.0000,
10.2181 108.9000

■ 63.0637, 64.9075,
9.2046

Harmonies

Analogous

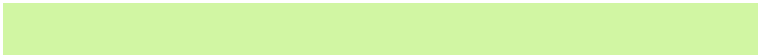
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7288, 82.2438, 43.1063



76.0081, 82.2438, 39.8855



65.9013, 82.2438, 47.0604

Triad

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



76.0081, 82.2438, 39.8855



61.4263, 82.2438, 132.0801



100.2644, 82.2438, 118.5435

Complementary

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



76.0081, 82.2438, 39.8855



44.4503, 41.8904, 100.3504

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.



91.8747, 82.2438, 152.0560



76.0081, 82.2438, 39.8855



69.3325, 82.2438, 161.1266

Square

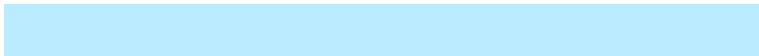
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0081, 82.2438, 39.8855



58.0327, 82.2438, 95.9463



80.3730, 82.2438, 169.2174



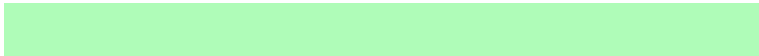
102.4985, 82.2438, 83.4435

Rectangle

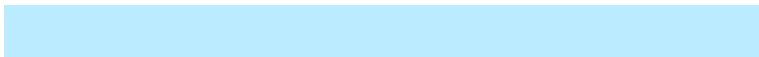
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0081, 82.2438, 39.8855



61.1901, 82.2438, 58.1440



80.3730, 82.2438, 169.2174



98.0327, 82.2438, 130.6135

Sweetspot

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



76.0101, 82.2476, 39.8872



88.1248, 93.9660, 82.4945



59.0294, 45.3202, 43.3707



18.6310, 19.9038, 16.7974



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

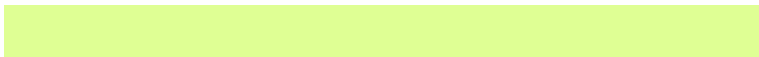
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0101, 82.2476, 39.8872



73.3959, 79.3903, 31.7054



71.5062, 89.3302, 41.4917



19.2406, 20.4494, 19.0774



33.0593, 34.1298, 4.8453



3.2926, 3.4705, 0.4963

Inverse Universe

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



44.4503, 41.8904, 100.3504



38.1892, 34.3948, 99.2338



47.4863, 38.1161, 99.4619



17.2915, 17.9546, 22.8042



10.1095, 5.1286, 49.8917



1.0560, 0.6428, 4.8817

Previews

White Background



This preview shows how the XYZ color 76.0081, 82.2438, 39.8855 looks on a white background.

Color Contrast Check

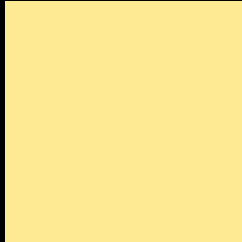
Large Text (above 18pt) WCAG AA × Fail

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 76.0081, 82.2438, 39.8855 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 76.0081, 82.2438, 39.8855

Background



This preview shows how black text looks on a background with the XYZ color 76.0081, 82.2438, 39.8855.



This preview shows how white text looks on a background with the XYZ color 76.0081, 82.2438,

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

76.0081, 82.2438, 39.8855

Protanopia

76.0081, 82.2438, 39.8855

Deuteranopia

80.5563, 82.2614, 69.3899



Tritanopia

84.1417, 82.3712, 92.3534

Trichromacy

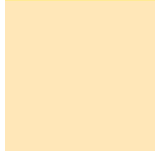


Original Color

76.0081, 82.2438, 39.8855

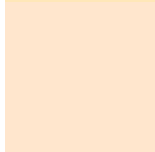
Protanomaly

76.0081, 82.2438, 39.8855



Deuteranomaly

78.4676, 81.8725, 57.0147



Tritanomaly

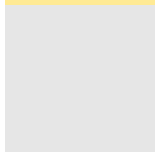
80.5563, 82.2614, 69.3899

Monochromacy



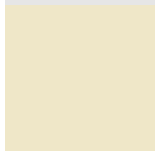
Original Color

76.0081, 82.2438, 39.8855



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

74.5978, 79.6727, 66.0902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0081, 82.2438, 39.8855 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 148) }
```

Border

The CSS property to change the border of an element to XYZ 76.0081, 82.2438, 39.8855 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, 148) }
```


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

```
.border{ border-color:rgb(255, 234, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 234, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 234, 148); box-shadow:4px 4px 4px 4px rgb(255, 234, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0081, 82.2438, 39.8855 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
234, 148) }
```

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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