

Converting Colors

XYZ(95.1258, 93.1133, 40.9611)

Have a look what the booklet for
XYZ(95.1258, 93.1133, 40.9611)
contains.

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Color

**XYZ(76.5807, 83.3890,
40.0764)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFEC94 |
| RGB | 255, 236, 148 |
| RGB Percent | 100%, 93%, 58% |
| CMY | 0.0000, 0.0745, 0.4196 |
| CMYK | 0.00, 0.07, 0.42, 0.00 |
| HSL | 49°, 100%, 79% |
| HSV | 49°, 42%, 100% |
| XYZ | 76.5807, 83.3890, 40.0764 |
| YIQ | 231.6490, 39.5720, -23.3400 |

Conversions

Conversions Part 2

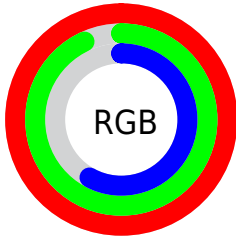
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 171, 255, 148 |
| Decimal | 16772244 |
| CIE _{Lab} | 93.18, -5.36, 44.92 |
| CIE _{LCh} | 93, 45.237, 96.807 |
| Yxy | 83.3890, 0.3828, 0.4168 |
| Android (android.graphics.Color) | 4294962324 (0xFFFFEC94) |
| YUV | 231.6490, -41.2390, 20.4788 |
| Hunter-Lab | 91.3176, -10.1122, 37.9018 |

Details

The XYZ color **76.5807, 83.3890, 40.0764** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.0811, 41.1520, 100.2273**, and the grayscale version is **76.7188, 80.7142, 87.8978**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **41.4585, 45.3574, 17.6361** is the 20% darker color. If you saturate the color by 10%, you get **73.4945, 80.0985, 30.1630**, and if you desaturate by 10%, it is **80.1487, 86.9311, 52.3457**.

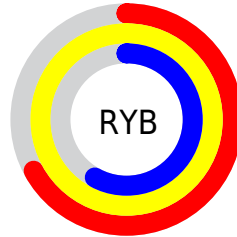
Distribution



Red (100%)

Green (93%)

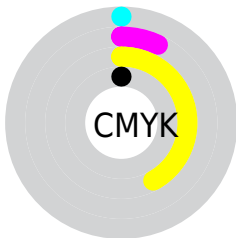
Blue (58%)



Red (67%)

Yellow (100%)

Blue (58%)

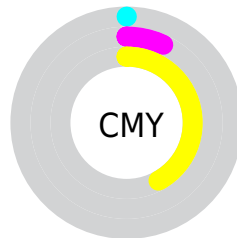


Cyan (0%)

Magenta (7%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5807, 83.3890, 40.0764 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 76.5807, 83.3890, 40.0764 by changing the saturation by 10% instead.


 76.5807, 83.3890,
40.0764


 76.5807, 83.3890,
40.0764


472.2471,
506.2820, 362.0071

 57.2075, 62.5111,
27.2839


 127.5234,
138.1202, 76.5182

 41.4127, 45.4458,
17.5522


 159.8237,
172.7422, 101.0046

 28.8308, 31.8087,
10.4629


197.1637,
212.7144, 130.2259

 19.0965, 21.2154,
5.5973

239.9087,
258.4212, 164.6009

 11.8444, 13.2816,
2.5370

288.4243,
310.2470, 204.5479

 6.7093, 7.6227,
0.8597

343.0756,

 3.3257, 3.8545,

368.5761, 250.4856

0.0000

404.2281,
433.7930, 302.8325

■ 1.3282, 1.5925,
0.0000

■ 0.2042, 0.3525,
0.0000

■ 76.5807, 83.3890,
40.0764

■ 76.5807, 83.3890,
40.0764

■ 73.4945, 80.0985,
30.1630

■ 80.1487, 86.9311,
52.3457

■ 70.8541, 77.0358,
22.4449

■ 84.2194, 90.7245,
67.1071

■ 68.6283, 74.1911,
16.7494

■ 88.8199, 94.7834,
84.4925

■ 66.7787, 71.5485,
12.8757

■ 93.9732, 99.1174,
104.6231

■ 65.2591, 69.0892, 95.0499, 99.9999,
10.5815 108.9000

■ 64.2210, 67.2222,
9.5904

Harmonies

Analogous

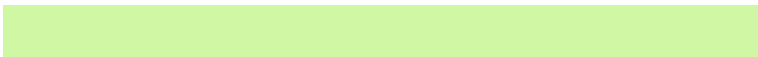
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6051, 83.3890, 42.9414



76.5807, 83.3890, 40.0764



66.3391, 83.3890, 47.8248

Triad

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



76.5807, 83.3890, 40.0764



62.3314, 83.3890, 135.9293



102.1779, 83.3890, 119.0923

Complementary

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



76.5807, 83.3890, 40.0764



44.0811, 41.1520, 100.2273

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.



93.7555, 83.3890, 153.9352



76.5807, 83.3890, 40.0764



70.5939, 83.3890, 165.2309

Square

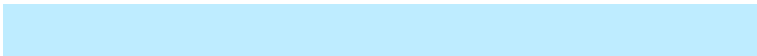
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5807, 83.3890, 40.0764



58.6615, 83.3890, 98.7772



81.9985, 83.3890, 172.5336



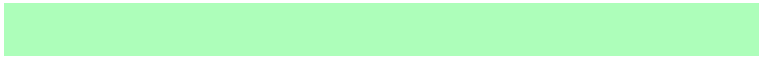
104.1881, 83.3890, 83.2575

Rectangle

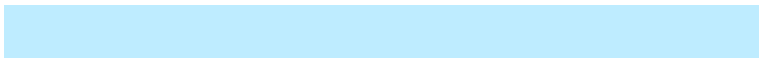
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5807, 83.3890, 40.0764



61.6298, 83.3890, 59.4689



81.9985, 83.3890, 172.5336



99.9645, 83.3890, 131.5529

Sweetspot

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



76.5827, 83.3929, 40.0781



88.3161, 94.3487, 82.5582



58.8626, 45.2535, 42.4922



18.6786, 19.9991, 16.8133



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

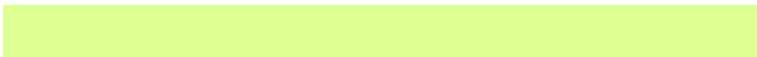
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5827, 83.3929, 40.0781



74.0636, 80.7257, 31.9280



70.9599, 89.0486, 41.4661



19.2708, 20.5098, 19.0874



33.6568, 35.3248, 5.0445



3.3456, 3.5765, 0.5140

Inverse Universe

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



44.0811, 41.1520, 100.2273



37.8046, 33.6255, 99.1056



47.9045, 38.3317, 99.4814



17.2637, 17.8990, 22.7949



10.0021, 4.9137, 49.8559



1.0416, 0.6140, 4.8769

Previews

White Background



This preview shows how the XYZ color 76.5807, 83.3890, 40.0764 looks on a white background.

Color Contrast Check

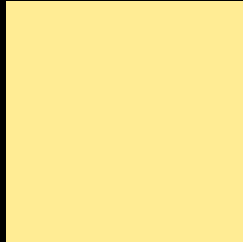
Large Text (above 18pt) WCAG AA × Fail

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 76.5807, 83.3890, 40.0764 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 76.5807, 83.3890, 40.0764

Background



This preview shows how black text looks on a background with the XYZ color 76.5807, 83.3890, 40.0764.



This preview shows how white text looks on a background with the XYZ color 76.5807, 83.3890,

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

76.5807, 83.3890, 40.0764

Protanopia

77.0341, 83.1110, 43.8802

Deuteranopia

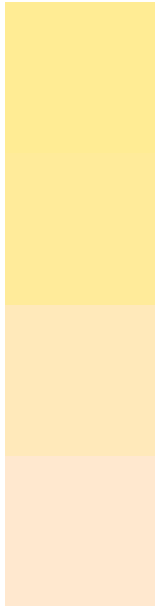
81.4818, 83.5273, 71.5023



Tritanopia

84.9875, 83.5899, 94.0932

Trichromacy



Original Color

76.5807, 83.3890, 40.0764

Protanomaly

76.7811, 83.0098, 42.5475

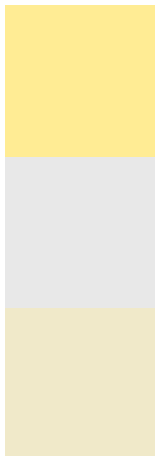
Deuteranomaly

79.2418, 83.0830, 58.3145

Tritanomaly

81.3591, 83.4782, 70.8563

Monochromacy



Original Color

76.5807, 83.3890, 40.0764

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.6167, 81.0201, 66.9114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5807, 83.3890, 40.0764 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, 236, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 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, 236, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 148) }
```

Border

The CSS property to change the border of an element to XYZ 76.5807, 83.3890, 40.0764 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, 236, 148) }
```


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

```
.border{ border-color:rgb(255, 236, 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, 236, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5807, 83.3890, 40.0764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 148) }
```

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

```
.background{ background-color: rgb(255,  
236, 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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