

Converting Colors

XYZ(103.0985, 96.2801,
38.7836)

Have a look what the booklet for
XYZ(103.0985, 96.2801, 38.7836)
contains.

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Color

**XYZ(75.5453, 82.0586,
37.4484)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE88E
RGB	255, 234, 142
RGB Percent	100%, 92%, 56%
CMY	0.0000, 0.0823, 0.4431
CMYK	0.00, 0.08, 0.44, 0.00
HSL	49°, 100%, 78%
HSV	49°, 44%, 100%
XYZ	75.5453, 82.0586, 37.4484
YIQ	229.7910, 42.0480, -24.1600

Conversions

Conversions Part 2

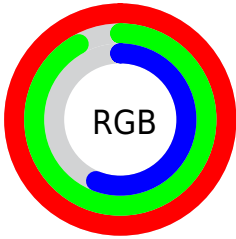
Format	Color
R _Y B	168, 255, 142
Decimal	16771726
CIE Lab	92.60, -4.95, 47.12
CIE LCh	93, 47.375, 95.999
Yxy	82.0586, 0.3873, 0.4207
Android (android.graphics.Color)	4294961806 (0xFFFFEA8E)
YUV	229.7910, -43.2810, 22.1083
Hunter-Lab	90.5862, -9.6639, 38.8998

Details

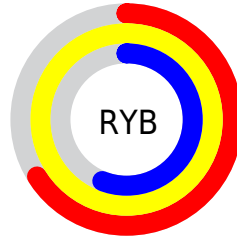
The XYZ color **75.5453, 82.0586, 37.4484** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.3022, 39.1639, 99.9374**, and the grayscale version is **75.3491, 79.2731, 86.3285**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **40.5308, 44.3147, 16.0903** is the 20% darker color. If you saturate the color by 10%, you get **72.5155, 78.7203, 28.0493**, and if you desaturate by 10%, it is **79.0532, 85.6519, 49.1692**.

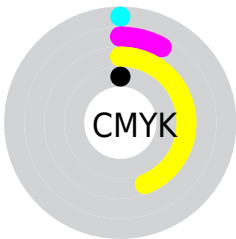
Distribution



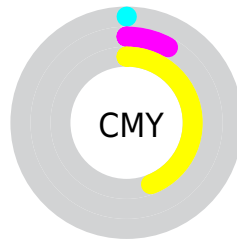
- Red (100%)
- Green (92%)
- Blue (56%)



- Red (66%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (8%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5453, 82.0586, 37.4484 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 75.5453, 82.0586, 37.4484 by changing the saturation by 10% instead.


 75.5453, 82.0586,
37.4484


 75.5453, 82.0586,
37.4484


468.7581,
501.8437, 350.4748

 56.3555, 61.4138,
25.2564


 126.0677,
136.2562, 72.4559

 40.7261, 44.5592,
16.0474

 158.1311,
170.5778, 96.1084

 28.2919, 31.1104,
9.4030


195.2163,
210.2271, 124.4182

 18.6874, 20.6829,
4.9046

237.6888,
255.5886, 157.8038

 11.5473, 12.8924,
2.1336

285.9138,
307.0466, 196.6837

 6.5062, 7.3545,
0.6357

340.2568,

 3.1988, 3.6848,

364.9855, 241.4765

0.0000

401.0831,
429.7897, 292.6006

■ 1.2598, 1.4988,
0.0000

■ 0.1528, 0.2879,
0.0000

■ 75.5453, 82.0586,
37.4484

■ 75.5453, 82.0586,
37.4484

■ 72.5155, 78.7203,
28.0493

■ 79.0532, 85.6519,
49.1692

■ 69.9271, 75.6128,
20.8073

■ 83.0608, 89.5002,
63.3511

■ 67.7479, 72.7258,
15.5445

■ 87.5955, 93.6179,
80.1283

■ 65.9378, 70.0428,
12.0520

■ 92.6811, 98.0150,
99.6240

■ 64.4481, 67.5439, 95.0499, 100.0000,
10.0741 108.9000

■ 63.7044, 66.1888,
9.4181

Harmonies

Analogous

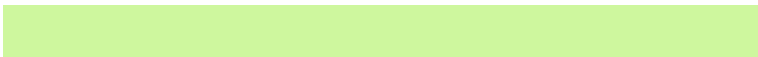
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0282, 82.0586, 40.6093



75.5453, 82.0586, 37.4484



64.8870, 82.0586, 44.9453

Triad

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



75.5453, 82.0586, 37.4484



60.3620, 82.0586, 135.4325



101.6891, 82.0586, 119.8694

Complementary

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



75.5453, 82.0586, 37.4484



42.3022, 39.1639, 99.9374

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.



92.7575, 82.0586, 156.2127



75.5453, 82.0586, 37.4484



68.7533, 82.0586, 166.7273

Square

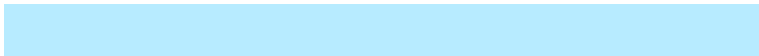
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5453, 82.0586, 37.4484



56.7343, 82.0586, 96.6253



80.4955, 82.0586, 175.1911



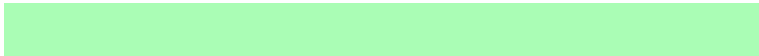
103.9950, 82.0586, 82.4454

Rectangle

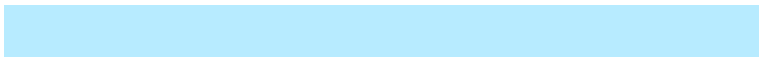
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5453, 82.0586, 37.4484



59.9635, 82.0586, 56.5360



80.4955, 82.0586, 175.1911



99.3194, 82.0586, 132.8915

Sweetspot

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



75.5473, 82.0624, 37.4501



88.2313, 94.1791, 82.5300



57.6687, 43.3089, 40.7277



18.6575, 19.9569, 16.8062



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

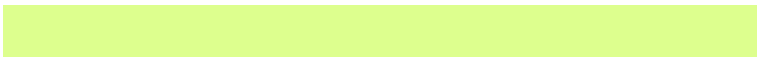
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5473, 82.0624, 37.4501



72.8876, 79.1454, 29.1566



70.4921, 88.8609, 39.0288



19.2574, 20.4831, 19.0830



33.3901, 34.7914, 4.9556



3.3219, 3.5292, 0.5061

Inverse Universe

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



42.3022, 39.1639, 99.9374



35.8941, 31.4406, 98.7846



45.6057, 35.7854, 99.1112



17.2760, 17.9236, 22.7990



10.0483, 5.0062, 49.8713



1.0479, 0.6265, 4.8790

Previews

White Background



This preview shows how the XYZ color 75.5453, 82.0586, 37.4484 looks on a white background.

Color Contrast Check

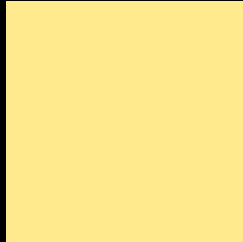
Large Text (above 18pt) WCAG AA × Fail

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 75.5453, 82.0586, 37.4484 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 75.5453, 82.0586, 37.4484

Background



This preview shows how black text looks on a background with the XYZ color 75.5453, 82.0586, 37.4484.



This preview shows how white text looks on a background with the XYZ color 75.5453, 82.0586,

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

75.5453, 82.0586, 37.4484

Protanopia

75.7737, 82.1500, 38.6509

Deuteranopia

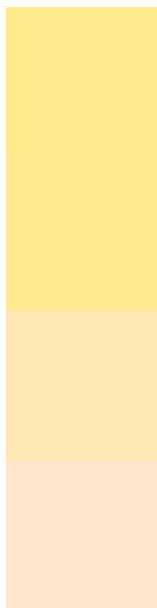
80.3163, 82.1654, 68.1263



Tritanopia

83.8690, 81.8258, 92.2625

Trichromacy



Original Color

75.5453, 82.0586, 37.4484

Protanomaly

75.6969, 82.1193, 38.2465

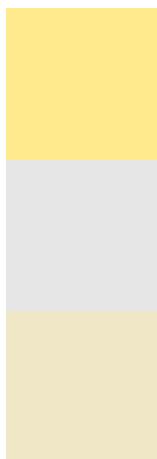
Deuteranomaly

78.1564, 81.7480, 55.3757

Tritanomaly

80.0388, 81.6104, 68.0338

Monochromacy



Original Color

75.5453, 82.0586, 37.4484

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.3656, 79.5798, 64.8670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5453, 82.0586, 37.4484 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 142) }
```

Border

The CSS property to change the border of an element to XYZ 75.5453, 82.0586, 37.4484 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, 142) }
```


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

```
.border{ border-color:rgb(255, 234, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5453, 82.0586, 37.4484 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, 142) }
```

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

```
.background{ background-color: rgb(255,  
234, 142) }
```

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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