

Converting Colors

XYZ(84.9334, 76.3034, 40.9479)

Have a look what the booklet for
XYZ(84.9334, 76.3034, 40.9479)
contains.

XYZ(69.3856, 68.2187, 40.0824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.3856, 68.2187,
40.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCF9A
RGB	255, 207, 154
RGB Percent	100%, 81%, 60%
CMY	0.0000, 0.1882, 0.3961
CMYK	0.00, 0.19, 0.40, 0.00
HSL	31°, 100%, 80%
HSV	31°, 40%, 100%
XYZ	69.3856, 68.2187, 40.0824
YIQ	215.3100, 45.6210, -6.3070

Conversions

Conversions Part 2

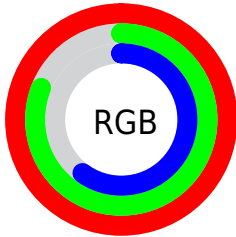
Format	Color
R_{YB}	245, 255, 154
Decimal	16764826
CIE _{Lab}	86.12, 10.05, 32.72
CIE _{LCh}	86, 34.233, 72.920
Yxy	68.2187, 0.3905, 0.3839
Android (android.graphics.Color)	4294954906 (0xFFFFCF9A)
YUV	215.3100, -30.2258, 34.8081
Hunter-Lab	82.5946, 5.4127, 29.0433

Details

The XYZ color **69.3856, 68.2187, 40.0824** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.4963, 56.3293, 102.7135**, and the grayscale version is **64.9797, 68.3637, 74.4481**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **36.8155, 35.6121, 17.5038** is the 20% darker color. If you saturate the color by 10%, you get **64.6596, 61.8122, 29.1188**, and if you desaturate by 10%, it is **74.7914, 75.2627, 53.4997**.

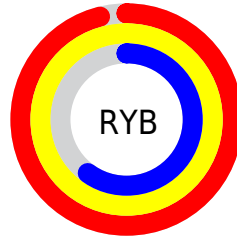
Distribution



Red (100%)

Green (81%)

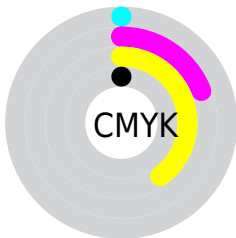
Blue (60%)



Red (96%)

Yellow (100%)

Blue (60%)

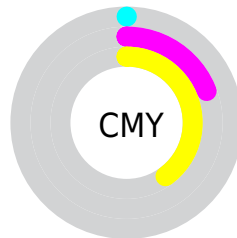


Cyan (0%)

Magenta (19%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3856, 68.2187, 40.0824 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 69.3856, 68.2187, 40.0824 by changing the saturation by 10% instead.


 69.3856, 68.2187,
40.0824


 69.3856, 68.2187,
40.0824


447.6899,
454.2705, 362.0332

 51.3036, 50.0757,
27.2885


 117.3632,
116.6650, 76.5274

 36.6723, 35.4735,
17.5557


 147.9895,
147.7370, 101.0157

 25.1264, 24.0279,
10.4653


183.5280,
183.8875, 130.2391

 16.3005, 15.3543,
5.5989

224.3440,
225.5008, 164.6163

 9.8292, 9.0684,
2.5380

270.8028,
272.9614, 204.5657

 5.3473, 4.7858,
0.8602

323.2698,

 2.4893, 2.1222,

326.6536, 250.5060

0.0000

382.1104,
386.9618, 302.8556

■ 0.8898, 0.6770,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.3856, 68.2187,
40.0824

■ 69.3856, 68.2187,
40.0824

■ 64.6596, 61.8122,
29.1188

■ 74.7914, 75.2627,
53.4997

■ 60.5747, 56.0121,
20.4513

■ 80.9032, 82.9549,
69.5067

■ 57.0950, 50.7982,
13.9103

■ 87.7516, 91.3175,
88.2341

■ 54.1785, 46.1451,
9.3004

95.0500, 100.0000,
108.9000

■ 51.7757, 42.0241,
6.3895

■ 49.8123, 38.3959,
4.8145

■ 49.7410, 38.2620,
4.7637

Harmonies

Analogous

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



76.5619, 68.2187, 48.5075



69.3856, 68.2187, 40.0824



61.5156, 68.2187, 39.5452

Triad

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



69.3856, 68.2187, 40.0824



51.1835, 68.2187, 84.3936



75.6976, 68.2187, 110.7405

Complementary

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



69.3856, 68.2187, 40.0824



52.4963, 56.3293, 102.7135

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.



68.2817, 68.2187, 125.0190



69.3856, 68.2187, 40.0824



54.3798, 68.2187, 107.8632

Square

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



69.3856, 68.2187, 40.0824



51.4266, 68.2187, 62.2657



60.4971, 68.2187, 123.8707



80.4033, 68.2187, 87.7450

Rectangle

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



69.3856, 68.2187, 40.0824



56.9604, 68.2187, 43.5210



60.4971, 68.2187, 123.8707



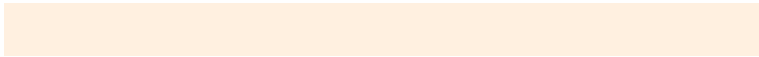
73.4143, 68.2187, 116.9090

Sweetspot

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



69.3873, 68.2219, 40.0838



86.0443, 89.2544, 83.4986



63.5537, 48.6750, 62.4317



18.2214, 18.8666, 17.3334



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.



69.3873, 68.2219, 40.0838



65.3751, 62.8006, 30.7218



82.2163, 94.7953, 44.5368



18.7983, 19.5648, 18.9299



26.1414, 20.2941, 2.5394



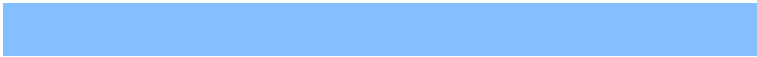
2.6547, 2.1948, 0.2837

Inverse Universe

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



52.4963, 56.3293, 102.7135



46.2391, 49.3327, 101.6928



43.2554, 37.3684, 99.5408



17.7150, 18.8016, 22.9453



13.1624, 11.2344, 50.9093



1.3901, 1.3108, 4.9930

Previews

White Background



This preview shows how the XYZ color 69.3856, 68.2187, 40.0824 looks on a white background.

Color Contrast Check

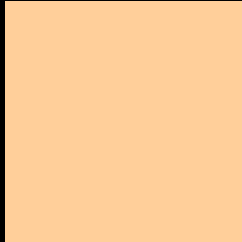
Large Text (above 18pt) WCAG AA × Fail

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 69.3856, 68.2187, 40.0824 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 69.3856, 68.2187, 40.0824

Background



This preview shows how black text looks on a background with the XYZ color 69.3856, 68.2187, 40.0824.



This preview shows how white text looks on a background with the XYZ color 69.3856, 68.2187,

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

69.3856, 68.2187, 40.0824

Protanopia

63.7507, 68.2253, 42.1565

Deuteranopia

69.5536, 68.2859, 40.9671



Tritanopia

74.6263, 68.4074, 73.5607

Trichromacy



Original Color

69.3856, 68.2187, 40.0824

Protanomaly

65.5645, 68.0466, 41.5770

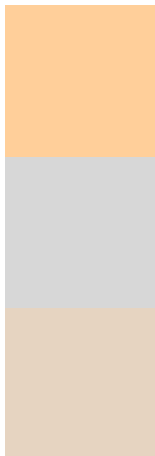
Deuteranomaly

69.4692, 68.2522, 40.5229

Tritanomaly

72.4585, 68.2960, 59.8155

Monochromacy



Original Color

69.3856, 68.2187, 40.0824

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.8022, 67.7602, 60.0630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3856, 68.2187, 40.0824 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, 207, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 154)  
}
```

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, 207, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 154) }
```

Border

The CSS property to change the border of an element to XYZ 69.3856, 68.2187, 40.0824 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, 207, 154) }
```


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

```
.border{ border-color:rgb(255, 207, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3856, 68.2187, 40.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 154) }
```

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

```
.background{ background-color: rgb(255,  
207, 154) }
```

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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