

Converting Colors

XYZ(63.5649, 57.5342, 41.3749)

Have a look what the booklet for
XYZ(63.5649, 57.5342, 41.3749)
contains.

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Color

**XYZ(63.7184, 57.5496,
41.4681)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB8A1
RGB	252, 184, 161
RGB Percent	99%, 72%, 63%
CMY	0.0118, 0.2784, 0.3686
CMYK	0.00, 0.27, 0.36, 0.01
HSL	15°, 94%, 81%
HSV	15°, 36%, 99%
XYZ	63.7184, 57.5496, 41.4681
YIQ	201.7100, 47.9110, 7.2630

Conversions

Conversions Part 2

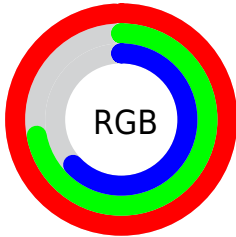
Format	Color
R _Y B	252, 192, 161
Decimal	16562337
CIE Lab	80.49, 21.71, 21.39
CIE LCh	80, 30.472, 44.576
Yxy	57.5496, 0.3915, 0.3536
Android (android.graphics.Color)	4294752417 (0xFFFCB8A1)
YUV	201.7100, -20.0700, 44.1043
Hunter-Lab	75.8615, 17.1702, 20.6934

Details

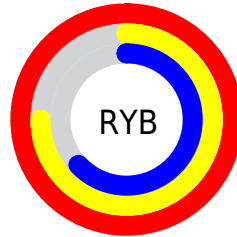
The XYZ color **63.7184, 57.5496, 41.4681** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.2870, 70.6415, 102.5533**, and the grayscale version is **56.0597, 58.9792, 64.2284**.

A 20% lighter version of the original color is **84.7948, 88.5380, 77.5861**, and **33.1248, 28.8061, 18.2823** is the 20% darker color. If you saturate the color by 10%, you get **58.0618, 49.4416, 29.7017**, and if you desaturate by 10%, it is **70.3464, 66.8835, 55.7690**.

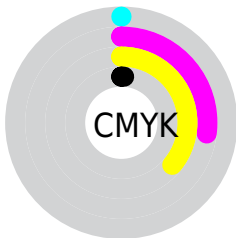
Distribution



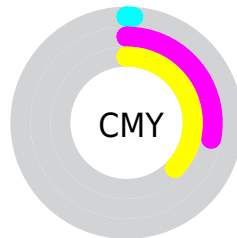
- Red (99%)
- Green (72%)
- Blue (63%)



- Red (99%)
- Yellow (75%)
- Blue (63%)



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7184, 57.5496, 41.4681 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 63.7184, 57.5496, 41.4681 by changing the saturation by 10% instead.


 63.7184, 57.5496,
41.4681

 63.7184, 57.5496,
41.4681

427.7904,
415.5055, 368.0077

 46.6835, 41.4467,
28.3626


 109.2813,
101.2667, 78.6554

 32.9924, 28.6683,
18.3577

 138.5400,
129.6496, 103.5742

 22.2798, 18.8300,
11.0350


172.6039,
162.8947, 133.2678

 14.1804, 11.5475,
5.9759

211.8385,
201.3862, 168.1549

 8.3288, 6.4364,
2.7619

256.6091,
245.5087, 208.6538

 4.3596, 3.1122,
0.9744

307.2810,

 1.9075, 1.1906,

295.6465, 255.1832

0.0000

364.2197,
352.1840, 308.1617

0.5812, 0.0540,
0.0000

0.0000, 0.0000,
0.0000

63.7184, 57.5496,
41.4681

63.7184, 57.5496,
41.4681

58.0618, 49.4416,
29.7017

70.3464, 66.8835,
55.7690

53.3248, 42.4995,
20.3169

77.9856, 77.4836,
72.7378

49.4571, 36.6707,
13.1497

86.6786, 89.3983,
92.5031

46.4014, 31.8949,
8.0137

93.9549, 99.4355,
108.8488

■ 44.0926, 28.1055,
4.6912

■ 42.4538, 25.2273,
2.9132

■ 41.9618, 24.3293,
2.4844

Harmonies

Analogous

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



67.1802, 57.5496, 54.3894



63.7184, 57.5496, 41.4681



57.9596, 57.5496, 34.9843

Triad

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



63.7184, 57.5496, 41.4681



43.9083, 57.5496, 53.9425



57.7811, 57.5496, 102.2443

Complementary

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



63.7184, 57.5496, 41.4681



60.2870, 70.6415, 102.5533

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.



51.5633, 57.5496, 102.0615



63.7184, 57.5496, 41.4681



43.8685, 57.5496, 71.7330

Square

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



63.7184, 57.5496, 41.4681



46.6871, 57.5496, 41.1949



46.5739, 57.5496, 90.0693



63.5791, 57.5496, 90.5293

Rectangle

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



63.7184, 57.5496, 41.4681



53.7456, 57.5496, 34.2234



46.5739, 57.5496, 90.0693



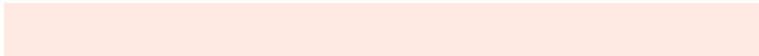
55.6640, 57.5496, 103.6345

Sweetspot

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



63.7199, 57.5523, 41.4692



84.5328, 85.6724, 84.7179



67.0679, 51.8569, 80.7867



17.8361, 17.9843, 17.5485



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.



63.7199, 57.5523, 41.4692



61.3349, 53.2291, 33.9713



74.6667, 79.4461, 45.1182



17.6011, 17.9381, 17.9971



21.9568, 12.8703, 1.3270



2.1144, 1.3536, 0.1498

Inverse Universe

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



60.2870, 70.6415, 102.5533



57.3346, 68.3631, 104.7813



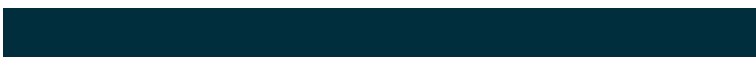
49.3578, 48.7832, 98.9102



17.3725, 18.8219, 22.1027



18.6770, 22.7096, 51.3726



1.8141, 2.2719, 4.7861

Previews

White Background



This preview shows how the XYZ color 63.7184, 57.5496, 41.4681 looks on a white background.

Color Contrast Check

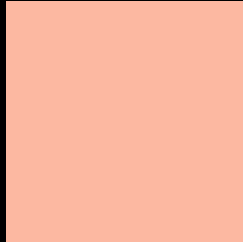
Large Text (above 18pt) WCAG AA × Fail

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 63.7184, 57.5496, 41.4681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

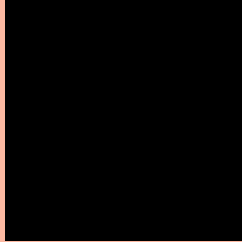
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7184, 57.5496, 41.4681

Background



This preview shows how black text looks on a background with the XYZ color 63.7184, 57.5496, 41.4681.



This preview shows how white text looks on a background with the XYZ color 63.7184, 57.5496,

41.4681.

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

63.7184, 57.5496, 41.4681

Protanopia

54.6797, 58.0220, 45.8536

Deuteranopia

58.7119, 57.5261, 40.8101



Tritanopia

66.9857, 57.3505, 57.9913

Trichromacy



Original Color

63.7184, 57.5496, 41.4681

Protanomaly

57.5388, 57.5055, 44.1434

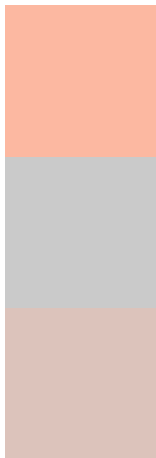
Deuteranomaly

60.4779, 57.4585, 41.1608

Tritanomaly

65.7374, 57.4548, 51.3412

Monochromacy



Original Color

63.7184, 57.5496, 41.4681

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.9999, 57.8337, 55.1198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7184, 57.5496, 41.4681 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(252, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(252, 184, 161)  
}
```

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(252, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 184, 161) }
```

Border

The CSS property to change the border of an element to XYZ 63.7184, 57.5496, 41.4681 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(252, 184, 161) }
```


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

```
.border{ border-color:rgb(252, 184, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(252, 184,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7184, 57.5496, 41.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 184, 161) }
```

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

```
.background{ background-color: rgb(252,  
184, 161) }
```

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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