

Converting Colors

XYZ(66.3843, 64.4061, 44.6264)

Have a look what the booklet for
XYZ(66.3843, 64.4061, 44.6264)
contains.

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Color

**XYZ(66.3896, 64.4464,
44.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C9A5
RGB	248, 201, 165
RGB Percent	97%, 79%, 65%
CMY	0.0275, 0.2117, 0.3529
CMYK	0.00, 0.19, 0.33, 0.03
HSL	26°, 86%, 81%
HSV	26°, 33%, 97%
XYZ	66.3896, 64.4464, 44.5376
YIQ	210.9490, 39.5680, -1.2320

Conversions

Conversions Part 2

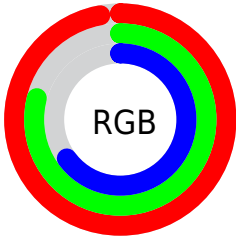
Format	Color
R _Y B	248, 229, 165
Decimal	16304549
CIE Lab	84.20, 11.75, 24.29
CIE LCh	84, 26.982, 64.193
Yxy	64.4464, 0.3786, 0.3675
Android (android.graphics.Color)	4294494629 (0xFFFF8C9A5)
YUV	210.9490, -22.6529, 32.4937
Hunter-Lab	80.2785, 7.1305, 23.3015

Details

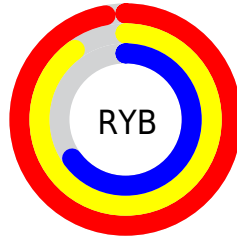
The XYZ color **66.3896, 64.4464, 44.5376** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0031, 61.8615, 97.7958**, and the grayscale version is **62.0112, 65.2406, 71.0471**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **34.6496, 33.0068, 20.1675** is the 20% darker color. If you saturate the color by 10%, you get **61.2228, 57.3815, 32.7379**, and if you desaturate by 10%, it is **72.2967, 72.2909, 58.7448**.

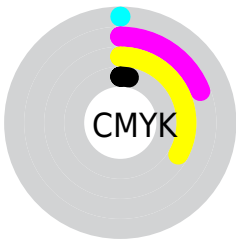
Distribution



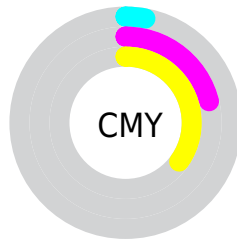
- Red (97%)
- Green (79%)
- Blue (65%)



- Red (97%)
- Yellow (90%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3896, 64.4464, 44.5376 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 66.3896, 64.4464, 44.5376 by changing the saturation by 10% instead.


 66.3896, 64.4464,
44.5376


 66.3896, 64.4464,
44.5376


437.2356,
440.7999, 381.0030

 48.8576, 47.0123,
30.7531


 113.1000,
111.2536, 83.3372

 34.7206, 33.0454,
20.1540


 143.0091,
141.3955, 109.1893

 23.6132, 22.1612,
12.3219

177.7746,
176.5421, 139.9011

 15.1702, 13.9754,
6.8381

217.7618,
217.0778, 175.8910

 9.0260, 8.1036,
3.2841

263.3362,
263.3871, 217.5776

 4.8154, 4.1613,
1.2415


314.8631,


 2.1730, 1.7642,


315.8542, 265.3794


0.0131

372.7078,
374.8637, 319.7150


 0.7284, 0.4647,
0.0000


 0.0000, 0.0000,
0.0000


 66.3896, 64.4464,
44.5376


 66.3896, 64.4464,
44.5376


 61.2228, 57.3815,
32.7379


 72.2967, 72.2909,
58.7448

 56.7579, 51.0611,
23.2054

 78.9703, 80.9307,
75.4810

 52.9603, 45.4603,
15.7911

 86.4409, 90.3923,
94.8644

 49.7898, 40.5492,
10.3262

 92.5214, 98.6965,
108.7817

■ 47.2008, 36.2948,
6.6158

■ 45.1393, 32.6602,
4.4231

■ 44.0301, 30.5937,
3.5845

Harmonies

Analogous

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



71.2499, 64.4464, 53.2677



66.3896, 64.4464, 44.5376



60.4188, 64.4464, 42.2220

Triad

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



66.3896, 64.4464, 44.5376



50.5030, 64.4464, 72.6027



67.9355, 64.4464, 101.0328

Complementary

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



66.3896, 64.4464, 44.5376



56.0031, 61.8615, 97.7958

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.



62.0976, 64.4464, 108.3364



66.3896, 64.4464, 44.5376



52.2404, 64.4464, 90.3185

Square

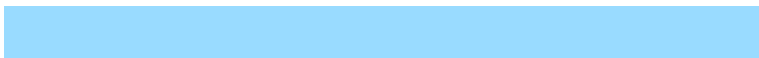
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3896, 64.4464, 44.5376



51.4891, 64.4464, 56.8083



56.3910, 64.4464, 104.1292



72.1823, 64.4464, 85.4806

Rectangle

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



66.3896, 64.4464, 44.5376



56.6689, 64.4464, 44.2491



56.3910, 64.4464, 104.1292



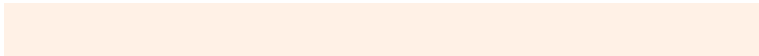
66.0808, 64.4464, 104.6393

Sweetspot

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



66.3913, 64.4494, 44.5389



86.7786, 89.5966, 87.2155



64.0549, 51.6226, 68.8980



18.3403, 18.8797, 18.0652



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.



66.3913, 64.4494, 44.5389



67.0123, 63.6049, 38.8820



77.3944, 86.4557, 48.2066



17.8639, 18.4637, 18.0847



23.9185, 16.7937, 1.9809



2.3185, 1.7618, 0.2179

Inverse Universe

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



56.0031, 61.8615, 97.7958



54.4197, 60.4579, 103.4091



46.9359, 43.7273, 94.7735



17.0987, 18.2741, 22.0114



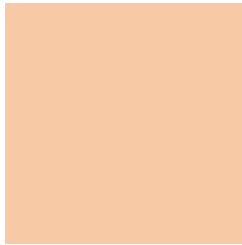
14.3940, 14.1436, 49.9449



1.4385, 1.5207, 4.6609

Previews

White Background



This preview shows how the XYZ color 66.3896, 64.4464, 44.5376 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 66.3896, 64.4464, 44.5376 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 66.3896, 64.4464, 44.5376

Background



This preview shows how black text looks on a background with the XYZ color 66.3896, 64.4464, 44.5376.



This preview shows how white text looks on a background with the XYZ color 66.3896, 64.4464,

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

66.3896, 64.4464, 44.5376

Protanopia

60.6395, 64.6457, 46.8179

Deuteranopia

65.9181, 64.5505, 44.5825



Tritanopia

71.6560, 64.5660, 69.6586

Trichromacy



Original Color

66.3896, 64.4464, 44.5376

Protanomaly

62.6594, 64.6086, 46.2140

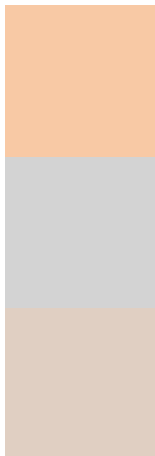
Deuteranomaly

66.2698, 64.7318, 44.5990

Tritanomaly

69.4875, 64.3368, 59.7948

Monochromacy



Original Color

66.3896, 64.4464, 44.5376

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.7909, 64.3680, 60.1538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3896, 64.4464, 44.5376 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(248, 201, 165)` looks like.

```
.text, #text, p{  
    color:rgb(248, 201, 165)  
}
```

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(248, 201, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 201, 165) }
```

Border

The CSS property to change the border of an element to XYZ 66.3896, 64.4464, 44.5376 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(248, 201, 165) }
```


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

```
.border{ border-color:rgb(248, 201, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 201, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 201, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 201, 165);  
box-shadow:4px 4px 4px 4px rgb(248, 201,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3896, 64.4464, 44.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 201, 165) }
```

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

```
.background{ background-color: rgb(248,  
201, 165) }
```

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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