

Converting Colors

XYZ(64.2951, 60.7877, 44.3692)

Have a look what the booklet for
XYZ(64.2951, 60.7877, 44.3692)
contains.

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Color

**XYZ(64.3107, 60.6673,
44.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C1A6
RGB	247, 193, 166
RGB Percent	97%, 76%, 65%
CMY	0.0314, 0.2431, 0.3490
CMYK	0.00, 0.22, 0.33, 0.03
HSL	20°, 84%, 81%
HSV	20°, 33%, 97%
XYZ	64.3107, 60.6673, 44.3968
YIQ	206.0680, 40.8510, 3.0510

Conversions

Conversions Part 2

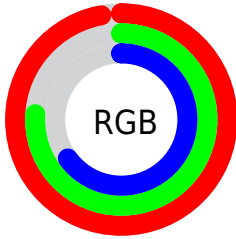
Format	Color
R _Y B	247, 207, 166
Decimal	16236966
CIE Lab	82.20, 15.68, 21.00
CIE LCh	82, 26.210, 53.258
Yxy	60.6673, 0.3797, 0.3582
Android (android.graphics.Color)	4294427046 (0xFFF7C1A6)
YUV	206.0680, -19.7535, 35.8974
Hunter-Lab	77.8892, 11.0758, 20.7272

Details

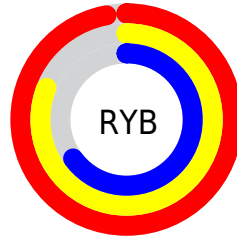
The XYZ color **64.3107, 60.6673, 44.3968** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.1067, 66.0066, 97.6738**, and the grayscale version is **58.8153, 61.8783, 67.3854**.

A 20% lighter version of the original color is **88.4768, 94.8517, 82.0516**, and **33.2561, 30.4990, 20.0537** is the 20% darker color. If you saturate the color by 10%, you get **58.8197, 52.9696, 32.4411**, and if you desaturate by 10%, it is **70.6453, 69.3552, 58.7817**.

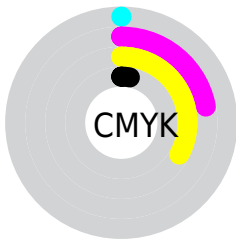
Distribution



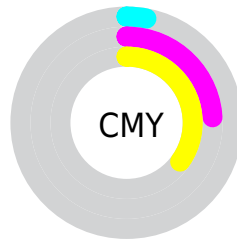
- Red (97%)
- Green (76%)
- Blue (65%)



- Red (97%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3107, 60.6673, 44.3968 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 64.3107, 60.6673, 44.3968 by changing the saturation by 10% instead.


 64.3107, 60.6673,
44.3968


 64.3107, 60.6673,
44.3968


429.8952,
427.0531, 380.4137

 47.1650, 43.9567,
30.6431


 110.1295,
105.7971, 83.1233

 33.3746, 30.6365,
20.0710


 139.5333,
134.9850, 108.9332

 22.5742, 20.3222,
12.2621


173.7539,
169.1009, 139.5990

 14.3984, 12.6295,
6.7977

213.1565,
208.5292, 175.5390

 8.4818, 7.1739,
3.2594

258.1066,
253.6541, 217.1720

 4.4591, 3.5711,
1.2286

308.9695,

 1.9650, 1.4367,

304.8601, 264.9164

0.0022

366.1106,
362.5316, 319.1908

0.6142, 0.2435,
0.0000

0.0000, 0.0000,
0.0000

64.3107, 60.6673,
44.3968

64.3107, 60.6673,
44.3968

58.8197, 52.9696,
32.4411

70.6453, 69.3552,
58.7817

54.1293, 46.2172,
22.7749

77.8543, 79.0593,
75.7175

50.1997, 40.3741,
15.2498

85.9729, 89.8151,
95.3220

46.9853, 35.3983,
9.6981

92.1678, 98.5142,
108.7651

■ 44.4345, 31.2443,
5.9266

■ 42.4873, 27.8611,
3.7022

■ 41.4015, 25.8616,
2.8097

Harmonies

Analogous

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



68.0742, 60.6673, 54.6682



64.3107, 60.6673, 44.3968



58.9292, 60.6673, 40.0345

Triad

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



64.3107, 60.6673, 44.3968



47.6655, 60.6673, 62.5197



61.9964, 60.6673, 98.4397

Complementary

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



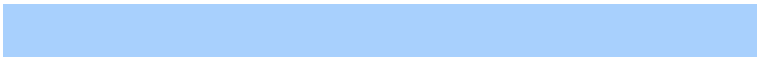
64.3107, 60.6673, 44.3968



58.1067, 66.0066, 97.6738

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.



56.4140, 60.6673, 101.4454



64.3107, 60.6673, 44.3968



48.3704, 60.6673, 78.9255

Square

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



64.3107, 60.6673, 44.3968



49.4976, 60.6673, 49.3515



51.4889, 60.6673, 93.8150



66.6791, 60.6673, 86.1603

Rectangle

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



64.3107, 60.6673, 44.3968



55.2406, 60.6673, 40.4697



51.4889, 60.6673, 93.8150



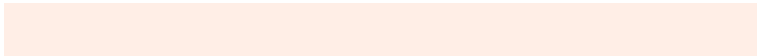
60.1540, 60.6673, 100.6417

Sweetspot

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



64.3123, 60.6701, 44.3980



86.0278, 88.0951, 86.9652



64.9127, 52.2145, 74.3677



18.1593, 18.5177, 18.0049



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.



64.3123, 60.6701, 44.3980



65.3372, 59.9141, 39.3740



74.5217, 81.0890, 47.8012



16.9505, 17.3851, 17.2598



22.0122, 13.9099, 1.5247



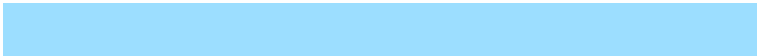
2.0253, 1.4039, 0.1642

Inverse Universe

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



58.1067, 66.0066, 97.6738



57.7531, 66.4026, 104.3808



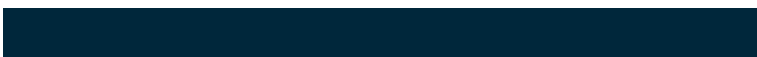
48.7355, 47.2641, 94.5501



16.5041, 17.7725, 21.1031



16.0976, 17.9889, 49.1618



1.5090, 1.7695, 4.3523

Previews

White Background



This preview shows how the XYZ color 64.3107, 60.6673, 44.3968 looks on a white background.

Color Contrast Check

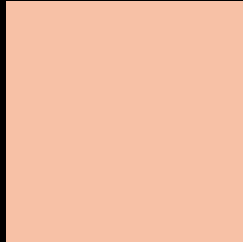
Large Text (above 18pt) WCAG AA × Fail

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 64.3107, 60.6673, 44.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

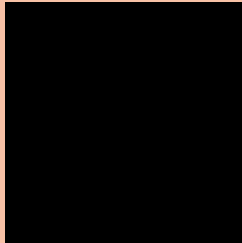
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3107, 60.6673, 44.3968

Background



This preview shows how black text looks on a background with the XYZ color 64.3107, 60.6673, 44.3968.



This preview shows how white text looks on a background with the XYZ color 64.3107, 60.6673,

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

64.3107, 60.6673, 44.3968

Protanopia

57.2625, 60.7249, 47.2311

Deuteranopia

62.0177, 60.8263, 44.0693



Tritanopia

68.4276, 60.7399, 63.9946

Trichromacy



Original Color

64.3107, 60.6673, 44.3968

Protanomaly

59.4943, 60.5040, 46.0789

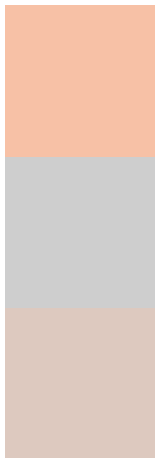
Deuteranomaly

62.8071, 60.8972, 44.0414

Tritanomaly

67.0231, 60.8250, 56.3520

Monochromacy



Original Color

64.3107, 60.6673, 44.3968

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.1094, 60.9070, 57.8783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3107, 60.6673, 44.3968 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(247, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(247, 193, 166)  
}
```

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(247, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 193, 166) }
```

Border

The CSS property to change the border of an element to XYZ 64.3107, 60.6673, 44.3968 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(247, 193, 166) }
```


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

```
.border{ border-color:rgb(247, 193, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 193, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 193, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 193, 166);  
box-shadow:4px 4px 4px 4px rgb(247, 193,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3107, 60.6673, 44.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 193, 166) }
```

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

```
.background{ background-color: rgb(247,  
193, 166) }
```

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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