

Converting Colors

XYZ(64.0286, 62.0185, 33.3854)

Have a look what the booklet for
XYZ(64.0286, 62.0185, 33.3854)
contains.

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Color

**XYZ(64.1242, 62.1499,
33.4274)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC58C
RGB	250, 197, 140
RGB Percent	98%, 77%, 55%
CMY	0.0196, 0.2274, 0.4510
CMYK	0.00, 0.21, 0.44, 0.02
HSL	31°, 92%, 76%
HSV	31°, 44%, 98%
XYZ	64.1242, 62.1499, 33.4274
YIQ	206.3490, 49.8850, -6.4910

Conversions

Conversions Part 2

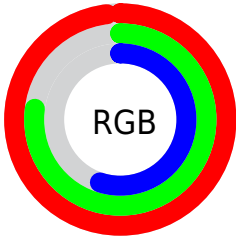
Format	Color
R _Y B	242, 250, 140
Decimal	16434572
CIE Lab	82.99, 11.83, 35.76
CIE LCh	83, 37.665, 71.688
Yxy	62.1499, 0.4015, 0.3892
Android (android.graphics.Color)	4294624652 (0xFFFA58C)
YUV	206.3490, -32.7101, 38.2819
Hunter-Lab	78.8352, 7.2295, 30.0447

Details

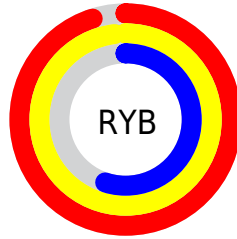
The XYZ color **64.1242, 62.1499, 33.4274** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.1398, 50.6157, 97.7276**, and the grayscale version is **59.0720, 62.1483, 67.6795**.

A 20% lighter version of the original color is **86.4194, 96.0387, 65.0215**, and **33.1115, 31.4426, 13.7750** is the 20% darker color. If you saturate the color by 10%, you get **59.8599, 56.2439, 23.9215**, and if you desaturate by 10%, it is **69.0289, 68.6664, 45.2140**.

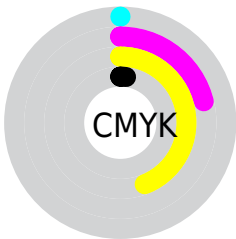
Distribution



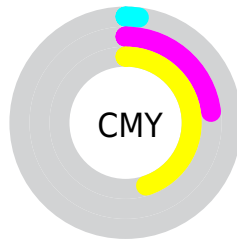
- Red (98%)
- Green (77%)
- Blue (55%)



- Red (95%)
- Yellow (98%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1242, 62.1499, 33.4274 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 64.1242, 62.1499, 33.4274 by changing the saturation by 10% instead.


 64.1242, 62.1499,
33.4274

 64.1242, 62.1499,
33.4274


429.2331,
432.4777, 332.2621


 47.0133, 45.1538,
22.1803


 109.8625,
107.9421, 66.1659

 33.2542, 31.5786,
13.7898

 139.2207,
137.5071, 88.4944

 22.4814, 21.0398,
7.8376

 173.3920,
172.0305, 115.3537

 14.3296, 13.1531,
3.9049

212.7418,
211.8967, 147.1624

 8.4335, 7.5341,
1.5733

257.6355,
257.4902, 184.3391

 4.4277, 3.7983,
0.2717

308.4383,

 1.9468, 1.5614,

309.1952, 227.3022

0.0000

365.5158,
367.3962, 276.4704

■ 0.6038, 0.3314,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1242, 62.1499,
33.4274

■ 64.1242, 62.1499,
33.4274

■ 59.8599, 56.2439,
23.9215

■ 69.0289, 68.6664,
45.2140

■ 56.1977, 50.9179,
16.5395

■ 74.6002, 75.8047,
59.4163

■ 53.1013, 46.1513,
11.1107

■ 80.8685, 83.5869,
76.1630

■ 50.5278, 41.9182,
7.4356

■ 87.8606, 92.0310,
95.5726

■ 48.4257, 38.1888,
5.2709

■ 93.2343, 99.0640,
108.8150

■ 47.3482, 36.1718,
4.4863

Harmonies

Analogous

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



71.5405, 62.1499, 42.0344



64.1242, 62.1499, 33.4274



55.9591, 62.1499, 32.5970

Triad

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



64.1242, 62.1499, 33.4274



45.0390, 62.1499, 77.1578



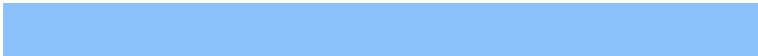
70.0980, 62.1499, 106.9432

Complementary

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



64.1242, 62.1499, 33.4274



47.1398, 50.6157, 97.7276

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.



62.2975, 62.1499, 121.7058



64.1242, 62.1499, 33.4274



48.1429, 62.1499, 102.0527

Square

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



64.1242, 62.1499, 33.4274



45.4306, 62.1499, 54.5479



54.2917, 62.1499, 119.7348



75.2016, 62.1499, 82.7454

Rectangle

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



64.1242, 62.1499, 33.4274



51.2297, 62.1499, 36.2594



54.2917, 62.1499, 119.7348



67.6755, 62.1499, 113.3990

Sweetspot

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



64.1257, 62.1529, 33.4286



85.2798, 88.2761, 81.5461



58.4470, 42.9385, 55.7576



17.9260, 18.4939, 16.5624



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.



64.1257, 62.1529, 33.4286



63.0105, 59.3913, 25.8643



77.6898, 90.2515, 38.1373



17.9887, 18.7133, 18.1263



25.2600, 19.4767, 2.4280



2.4457, 2.0162, 0.2603

Inverse Universe

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



47.1398, 50.6157, 97.7276



43.1157, 45.8840, 101.1918



37.7608, 31.3951, 94.5120



16.9731, 18.0230, 21.9695



12.8861, 11.1278, 49.4423



1.2990, 1.2417, 4.6144

Previews

White Background



This preview shows how the XYZ color 64.1242, 62.1499, 33.4274 looks on a white background.

Color Contrast Check

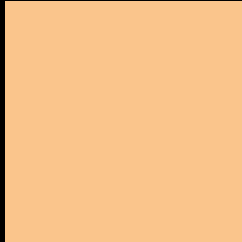
Large Text (above 18pt) WCAG AA × Fail

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 64.1242, 62.1499, 33.4274 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 64.1242, 62.1499, 33.4274

Background



This preview shows how black text looks on a background with the XYZ color 64.1242, 62.1499, 33.4274.



This preview shows how white text looks on a background with the XYZ color 64.1242, 62.1499,

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

64.1242, 62.1499, 33.4274

Protanopia

58.0873, 62.4866, 35.3851

Deuteranopia

63.6391, 62.2381, 33.4699



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

64.1242, 62.1499, 33.4274

Protanomaly

59.9181, 62.0187, 34.7994

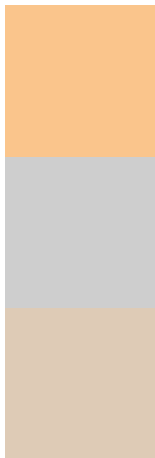
Deuteranomaly

63.9946, 62.4214, 33.4866

Tritanomaly

67.5959, 61.8772, 51.5608

Monochromacy



Original Color

64.1242, 62.1499, 33.4274

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.9236, 61.6189, 52.9913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1242, 62.1499, 33.4274 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(250, 197, 140)` looks like.

```
.text, #text, p{  
    color:rgb(250, 197, 140)  
}
```

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(250, 197, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 197, 140) }
```

Border

The CSS property to change the border of an element to XYZ 64.1242, 62.1499, 33.4274 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(250, 197, 140) }
```


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

```
.border{ border-color:rgb(250, 197, 140) }
```

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

Here you see how a box with a 4 pixel rgb(250, 197, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 197, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 197, 140);  
box-shadow:4px 4px 4px 4px rgb(250, 197,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1242, 62.1499, 33.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 197, 140) }
```

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

```
.background{ background-color: rgb(250,  
197, 140) }
```

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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