

Converting Colors

XYZ(63.8938, 62.7097, 45.2050)

Have a look what the booklet for
XYZ(63.8938, 62.7097, 45.2050)
contains.

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Color

**XYZ(63.9050, 62.7993,
45.3125)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C8A7
RGB	241, 200, 167
RGB Percent	95%, 78%, 65%
CMY	0.0549, 0.2157, 0.3451
CMYK	0.00, 0.17, 0.31, 0.05
HSL	27°, 73%, 80%
HSV	27°, 31%, 95%
XYZ	63.9050, 62.7993, 45.3125
YIQ	208.4970, 35.0290, -1.5710

Conversions

Conversions Part 2

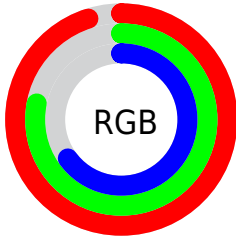
Format	Color
R _Y B	241, 227, 167
Decimal	15845543
CIE Lab	83.34, 9.85, 21.95
CIE LCh	83, 24.061, 65.826
Yxy	62.7993, 0.3715, 0.3651
Android (android.graphics.Color)	4294035623 (0xFFFF1C8A7)
YUV	208.4970, -20.4580, 28.5051
Hunter-Lab	79.2460, 5.2642, 21.5705

Details

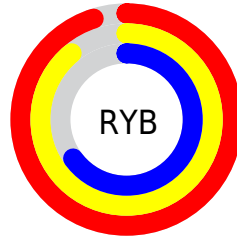
The XYZ color **63.9050, 62.7993, 45.3125** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.3689, 59.6765, 91.8726**, and the grayscale version is **60.3911, 63.5361, 69.1908**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **33.1406, 31.9859, 20.6469** is the 20% darker color. If you saturate the color by 10%, you get **58.9234, 56.0753, 33.6655**, and if you desaturate by 10%, it is **69.5751, 70.2352, 59.2386**.

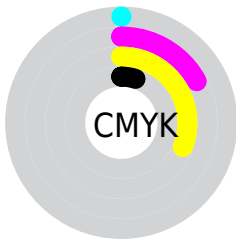
Distribution



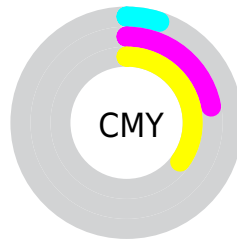
- Red (95%)
- Green (78%)
- Blue (65%)



- Red (95%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9050, 62.7993, 45.3125 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 63.9050, 62.7993, 45.3125 by changing the saturation by 10% instead.


 63.9050, 62.7993,
45.3125


 63.9050, 62.7993,
45.3125

428.4542,
434.8407, 384.2347

 46.8351, 45.6789,
31.3589


 109.5486,
108.8799, 84.5126

 33.1127, 31.9925,
20.6115


 138.8531,
138.6089, 110.5961

 22.3725, 21.3558,
12.6519


172.9664,
173.3095, 141.5601

 14.2490, 13.3843,
7.0614

212.2540,
213.3661, 177.8229

 8.3769, 7.6937,
3.4215

257.0812,
259.1631, 219.8033

 4.3909, 3.8996,
1.3137

307.8134,

 1.9256, 1.6176,

311.0850, 267.9197

0.0730

364.8160,
369.5161, 322.5906

■ 0.5916, 0.3694,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9050, 62.7993,
45.3125

■ 63.9050, 62.7993,
45.3125

■ 58.9234, 56.0753,
33.6655

■ 69.5751, 70.2352,
59.2386

■ 54.5955, 50.0317,
24.1699

■ 75.9568, 78.3962,
75.5546

■ 50.8903, 44.6467,
16.6909

■ 83.0780, 87.3059,
94.3683

■ 47.7722, 39.8943,
11.0769

■ 89.5808, 96.4309,
108.4994

■ 45.2007, 35.7457,
7.1542

■ 90.0858, 97.4409,
108.6677

■ 43.1288, 32.1690,
4.7156

■ 41.5846, 29.3184,
3.4673

Harmonies

Analogous

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



68.2248, 62.7993, 52.8588



63.9050, 62.7993, 45.3125



58.6732, 62.7993, 43.5287

Triad

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



63.9050, 62.7993, 45.3125



50.2276, 62.7993, 71.3451



65.7745, 62.7993, 94.5057

Complementary

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



63.9050, 62.7993, 45.3125



54.3689, 59.6765, 91.8726

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.



60.7162, 62.7993, 101.2403



63.9050, 62.7993, 45.3125



51.8964, 62.7993, 86.6708

Square

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



63.9050, 62.7993, 45.3125



50.9714, 62.7993, 57.2426



55.6623, 62.7993, 98.1822



69.3475, 62.7993, 80.8708

Rectangle

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



63.9050, 62.7993, 45.3125



55.4117, 62.7993, 45.5800



55.6623, 62.7993, 98.1822



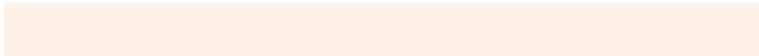
64.1807, 62.7993, 97.7358

Sweetspot

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



63.9066, 62.8022, 45.3138



87.6499, 90.7636, 89.2807



61.5953, 50.9391, 66.8648



18.5186, 19.1217, 18.4782



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.



63.9066, 62.8022, 45.3138



68.9347, 66.4058, 42.7410



73.2658, 81.5206, 48.4335



16.3532, 16.9195, 16.5536



22.6803, 16.1586, 1.9235



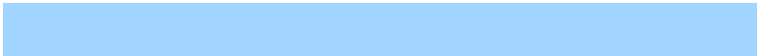
1.9846, 1.5398, 0.1926

Inverse Universe

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



54.3689, 59.6765, 91.8726



56.4514, 62.3085, 103.6592



46.5541, 44.0468, 89.2677



15.6234, 16.6809, 20.1179



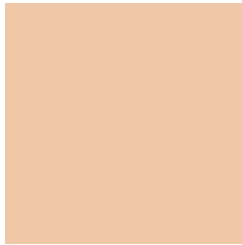
13.3330, 12.8903, 46.9132



1.2083, 1.2706, 3.9358

Previews

White Background



This preview shows how the XYZ color 63.9050, 62.7993, 45.3125 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 63.9050, 62.7993, 45.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

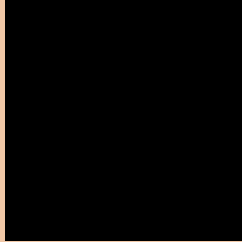
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9050, 62.7993, 45.3125

Background



This preview shows how black text looks on a background with the XYZ color 63.9050, 62.7993, 45.3125.



This preview shows how white text looks on a background with the XYZ color 63.9050, 62.7993,

45.3125.

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

63.9050, 62.7993, 45.3125

Protanopia

59.1787, 62.7816, 47.5271

Deuteranopia

64.2473, 62.9758, 45.3286



Tritanopia

68.8064, 62.7799, 68.8128

Trichromacy



Original Color

63.9050, 62.7993, 45.3125

Protanomaly

60.8435, 62.5820, 46.9029

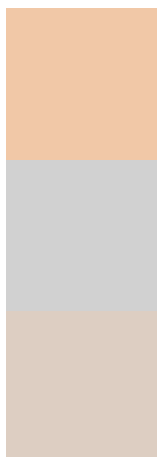
Deuteranomaly

64.2473, 62.9758, 45.3286

Tritanomaly

66.7858, 62.6080, 59.6035

Monochromacy



Original Color

63.9050, 62.7993, 45.3125

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.6277, 63.4098, 60.0301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9050, 62.7993, 45.3125 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(241, 200, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 200, 167)  
}
```

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(241, 200, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 200, 167) }
```

Border

The CSS property to change the border of an element to XYZ 63.9050, 62.7993, 45.3125 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(241, 200, 167) }
```


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

```
.border{ border-color:rgb(241, 200, 167) }
```

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

Here you see how a box with a 4 pixel rgb(241, 200, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 200, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 200, 167);  
box-shadow:4px 4px 4px 4px rgb(241, 200,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9050, 62.7993, 45.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 200, 167) }
```

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

```
.background{ background-color: rgb(241,  
200, 167) }
```

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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