

Converting Colors

XYZ(62.4672, 63.5174, 44.1939)

Have a look what the booklet for
XYZ(62.4672, 63.5174, 44.1939)
contains.

XYZ(62.5547, 63.5282, 44.0871)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.5547, 63.5282,
44.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCCA4
RGB	235, 204, 164
RGB Percent	92%, 80%, 64%
CMY	0.0784, 0.2000, 0.3569
CMYK	0.00, 0.13, 0.30, 0.08
HSL	34°, 64%, 78%
HSV	34°, 30%, 92%
XYZ	62.5547, 63.5282, 44.0871
YIQ	208.7090, 31.3160, -5.8680

Conversions

Conversions Part 2

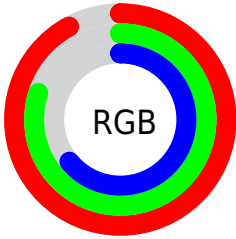
Format	Color
R_{YB}	219, 235, 164
Decimal	15453348
CIE Lab	83.72, 5.10, 23.97
CIE LCh	84, 24.505, 77.998
Yxy	63.5282, 0.3676, 0.3733
Android (android.graphics.Color)	4293643428 (0xFFEBCCA4)
YUV	208.7090, -22.0415, 23.0572
Hunter-Lab	79.7046, 0.6095, 22.9980

Details

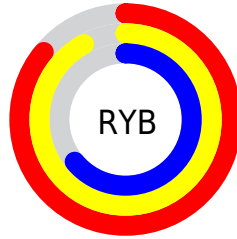
The XYZ color **62.5547, 63.5282, 44.0871** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.8200, 52.9195, 86.1863**, and the grayscale version is **60.5408, 63.6937, 69.3624**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **32.1911, 32.4475, 19.8956** is the 20% darker color. If you saturate the color by 10%, you get **58.2673, 58.0415, 33.1374**, and if you desaturate by 10%, it is **67.3982, 69.4989, 57.1582**.

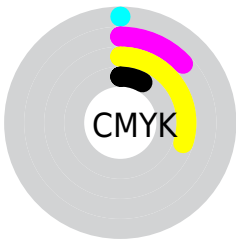
Distribution



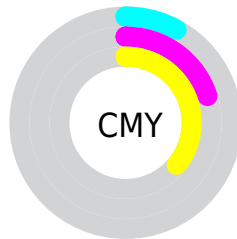
- Red (92%)
- Green (80%)
- Blue (64%)



- Red (86%)
- Yellow (92%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (8%)




- Cyan (8%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5547, 63.5282, 44.0871 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 62.5547, 63.5282, 44.0871 by changing the saturation by 10% instead.


 62.5547, 63.5282,
44.0871


 62.5547, 63.5282,
44.0871

423.6370,
437.4839, 379.1153

 45.7384, 46.2687,
30.4013


 107.6122,
109.9312, 82.6527

 32.2431, 32.4579,
19.8887


 136.5842,
139.8434, 108.3695

 21.7037, 21.7115,
12.1309


170.3386,
174.7420, 138.9338

 13.7548, 13.6450,
6.7093

209.2410,
215.0113, 174.7640

 8.0308, 7.8742,
3.2053

253.6567,
261.0358, 216.2787

 4.1667, 4.0146,
1.2004

303.9510,

 1.7968, 1.6817,

313.1997, 263.8965

0.0000

360.4893,
371.8877, 318.0359

■ 0.5158, 0.4118,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5547, 63.5282,
44.0871

■ 62.5547, 63.5282,
44.0871

■ 58.2673, 58.0415,
33.1374

■ 67.3982, 69.4989,
57.1582

■ 54.5064, 53.0152,
24.1903

■ 72.8159, 75.9588,
72.4529

■ 51.2467, 48.4364,
17.1210

■ 78.8308, 82.9240,
90.0715

■ 48.4585, 44.2881,
11.7890

■ 84.9762, 90.2124,
107.5417

■ 46.1081, 40.5514,
8.0339

■ 88.0711, 96.4023,
108.5734

■ 44.1561, 37.2048,
5.6646

■ 42.5681, 34.2763,
4.3724

Harmonies

Analogous

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



67.5592, 63.5282, 49.4381



62.5547, 63.5282, 44.0871



57.2465, 63.5282, 44.6828

Triad

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



62.5547, 63.5282, 44.0871



51.0826, 63.5282, 78.7186



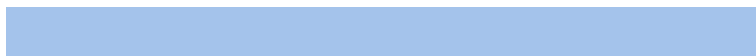
68.3858, 63.5282, 90.9103

Complementary

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



62.5547, 63.5282, 44.0871



49.8200, 52.9195, 86.1863

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.



63.6292, 63.5282, 101.2861



62.5547, 63.5282, 44.0871



53.7314, 63.5282, 93.5606

Square

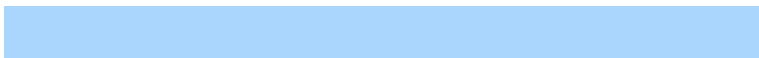
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.5547, 63.5282, 44.0871



50.8329, 63.5282, 63.2016



58.2595, 63.5282, 102.3222



71.0570, 63.5282, 75.5057

Rectangle

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



62.5547, 63.5282, 44.0871



54.2443, 63.5282, 48.3839



58.2595, 63.5282, 102.3222



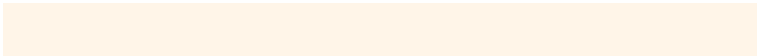
66.9653, 63.5282, 95.1945

Sweetspot

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



62.5563, 63.5311, 44.0884



88.4593, 92.3824, 89.5505



57.4951, 48.1971, 58.4680



18.7178, 19.5201, 18.5446



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.



62.5563, 63.5311, 44.0884



72.1500, 72.4739, 44.9305



69.5101, 79.1613, 46.7388



15.7697, 16.4623, 15.8651



23.8203, 19.3349, 2.4765



1.9659, 1.7092, 0.2263

Inverse Universe

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



49.8200, 52.9195, 86.1863



54.6163, 57.8698, 102.8991



44.3244, 40.8254, 84.1416



14.7722, 15.6308, 19.1607



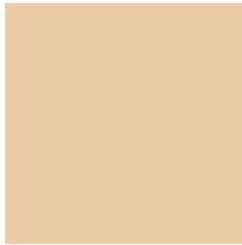
11.1443, 8.9357, 44.8804



0.9693, 0.8900, 3.5556

Previews

White Background



This preview shows how the XYZ color 62.5547, 63.5282, 44.0871 looks on a white background.

Color Contrast Check

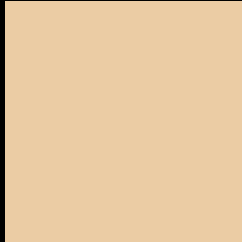
Large Text (above 18pt) WCAG AA × Fail

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 62.5547, 63.5282, 44.0871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

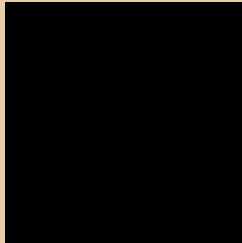
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5547, 63.5282, 44.0871

Background



This preview shows how black text looks on a background with the XYZ color 62.5547, 63.5282, 44.0871.



This preview shows how white text looks on a background with the XYZ color 62.5547, 63.5282,

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

62.5547, 63.5282, 44.0871

Protanopia

59.5630, 63.3945, 45.1735

Deuteranopia

64.9864, 63.7230, 44.4719



Tritanopia

68.2521, 63.4374, 71.5982

Trichromacy



Original Color

62.5547, 63.5282, 44.0871

Protanomaly

60.7829, 63.6732, 44.6839

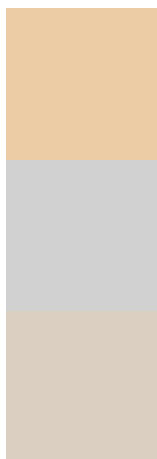
Deuteranomaly

64.1877, 63.6584, 44.5016

Tritanomaly

66.1012, 63.5994, 60.4218

Monochromacy



Original Color

62.5547, 63.5282, 44.0871

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8519, 63.3813, 59.4787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5547, 63.5282, 44.0871 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(235, 204, 164)` looks like.

```
.text, #text, p{  
    color:rgb(235, 204, 164)  
}
```

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(235, 204, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 204, 164) }
```

Border

The CSS property to change the border of an element to XYZ 62.5547, 63.5282, 44.0871 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(235, 204, 164) }
```


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

```
.border{ border-color:rgb(235, 204, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 204, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 204, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 204, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 204,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5547, 63.5282, 44.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 204, 164) }
```

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

```
.background{ background-color: rgb(235,  
204, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor