

Converting Colors

XYZ(64.7230, 63.6630, 41.2288)

Have a look what the booklet for
XYZ(64.7230, 63.6630, 41.2288)
contains.

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Color

**XYZ(64.7144, 63.6544,
41.2235)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C99E
RGB	245, 201, 158
RGB Percent	96%, 79%, 62%
CMY	0.0392, 0.2117, 0.3804
CMYK	0.00, 0.18, 0.36, 0.04
HSL	30°, 81%, 79%
HSV	30°, 36%, 96%
XYZ	64.7144, 63.6544, 41.2235
YIQ	209.2540, 40.0270, -4.0450

Conversions

Conversions Part 2

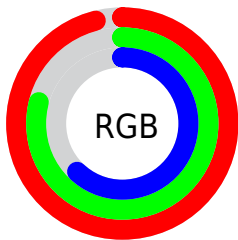
Format	Color
R_{YB}	245, 243, 158
Decimal	16107934
CIE _{Lab}	83.79, 9.76, 27.36
CIE _{LCh}	84, 29.047, 70.367
Yxy	63.6544, 0.3816, 0.3753
Android (android.graphics.Color)	4294298014 (0xFFFF5C99E)
YUV	209.2540, -25.2682, 31.3492
Hunter-Lab	79.7837, 5.1640, 25.2140

Details

The XYZ color **64.7144, 63.6544, 41.2235** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.7019, 56.1009, 94.4898**, and the grayscale version is **60.9131, 64.0853, 69.7889**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **33.5288, 32.4728, 18.1364** is the 20% darker color. If you saturate the color by 10%, you get **60.0399, 57.3504, 30.2778**, and if you desaturate by 10%, it is **70.0456, 70.5984, 54.4635**.

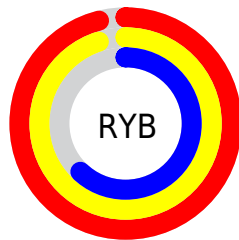
Distribution



Red (96%)

Green (79%)

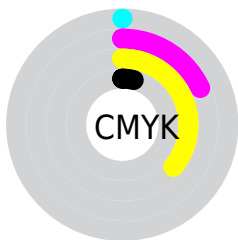
Blue (62%)



Red (96%)

Yellow (95%)

Blue (62%)

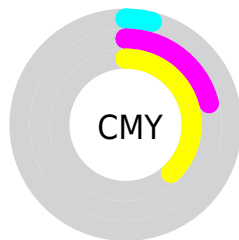


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (4%)



Cyan (4%)


Magenta (21%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7144, 63.6544, 41.2235 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 64.7144, 63.6544, 41.2235 by changing the saturation by 10% instead.


 64.7144, 63.6544,
41.2235


 64.7144, 63.6544,
41.2235


431.3264,
437.9406, 366.9581

 47.4934, 46.3708,
28.1727

 110.7071,
110.1131, 78.2804

 33.6354, 32.5385,
18.2157

 140.2096,
140.0569, 103.1237

 22.7752, 21.7732,
10.9340


174.5365,
174.9897, 132.7348

 14.5474, 13.6903,
5.9088

214.0533,
215.2957, 167.5324

 8.5866, 7.9056,
2.7218

259.1254,
261.3594, 207.9350

 4.5275, 4.0346,
0.9544

310.1180,

 2.0047, 1.6929,

313.5652, 254.3611

0.0000

367.3965,
372.2975, 307.2293

■ 0.6366, 0.4191,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7144, 63.6544,
41.2235

■ 64.7144, 63.6544,
41.2235

■ 60.0399, 57.3504,
30.2778

■ 70.0456, 70.5984,
54.4635

■ 55.9866, 51.6567,
21.4884

■ 76.0568, 78.1934,
70.1169

■ 52.5227, 46.5535,
14.7084

■ 82.7763, 86.4610,
88.2993

■ 49.6109, 42.0168,
9.7705

■ 90.0672, 95.3545,
108.2659

■ 47.2083, 38.0194,
6.4798

■ 91.4662, 98.1525,
108.7323

■ 45.2635, 34.5304,
4.5960

■ 44.5066, 33.1132,
4.0457

Harmonies

Analogous

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



70.3298, 63.6544, 48.9675



64.7144, 63.6544, 41.2235



58.3225, 63.6544, 40.1940

Triad

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



64.7144, 63.6544, 41.2235



49.2271, 63.6544, 75.8198



68.7930, 63.6544, 99.6446

Complementary

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



64.7144, 63.6544, 41.2235



51.7019, 56.1009, 94.4898

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.



62.7343, 63.6544, 109.8940



64.7144, 63.6544, 41.2235



51.6345, 63.6544, 94.6228

Square

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



64.7144, 63.6544, 41.2235



49.6752, 63.6544, 58.1698



56.4757, 63.6544, 107.9100



72.7967, 63.6544, 81.7861

Rectangle

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



64.7144, 63.6544, 41.2235



54.5140, 63.6544, 43.2176



56.4757, 63.6544, 107.9100



66.9123, 63.6544, 104.2248

Sweetspot

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



64.7160, 63.6574, 41.2248



86.4989, 89.6047, 85.3733



60.6570, 48.1763, 62.5712



18.3031, 18.9184, 17.7042



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.



64.7160, 63.6574, 41.2248



66.9284, 64.4162, 35.8359



76.0434, 86.3121, 45.0006



17.1757, 17.8355, 17.3349



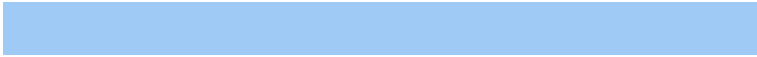
24.1147, 18.1150, 2.2256



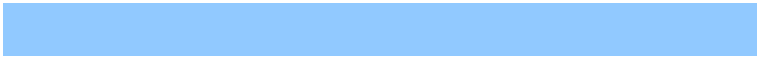
2.2221, 1.7975, 0.2298

Inverse Universe

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



51.7019, 56.1009, 94.4898



50.6285, 54.9510, 102.5459



43.0583, 38.8138, 91.6086



16.2738, 17.3119, 21.0264



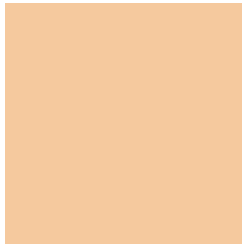
12.8935, 11.5807, 48.0938



1.2360, 1.2235, 4.2612

Previews

White Background



This preview shows how the XYZ color 64.7144, 63.6544, 41.2235 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 64.7144, 63.6544, 41.2235 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 64.7144, 63.6544, 41.2235

Background



This preview shows how black text looks on a background with the XYZ color 64.7144, 63.6544, 41.2235.



This preview shows how white text looks on a background with the XYZ color 64.7144, 63.6544,

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

64.7144, 63.6544, 41.2235

Protanopia

59.7535, 63.8975, 43.3665

Deuteranopia

65.0642, 63.8347, 41.2398



Tritanopia

70.2248, 63.5110, 68.8792

Trichromacy



Original Color

64.7144, 63.6544, 41.2235

Protanomaly

61.4593, 63.7047, 42.7752

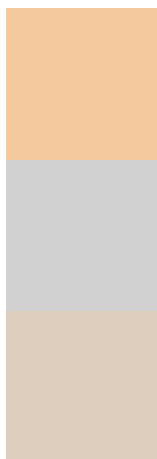
Deuteranomaly

65.0642, 63.8347, 41.2398

Tritanomaly

67.9719, 63.6067, 57.4100

Monochromacy



Original Color

64.7144, 63.6544, 41.2235

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.4898, 63.3899, 57.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7144, 63.6544, 41.2235 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(245, 201, 158)` looks like.

```
.text, #text, p{  
    color:rgb(245, 201, 158)  
}
```

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(245, 201, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 201, 158) }
```

Border

The CSS property to change the border of an element to XYZ 64.7144, 63.6544, 41.2235 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(245, 201, 158) }
```


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

```
.border{ border-color:rgb(245, 201, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 201, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 201, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 201, 158);  
box-shadow:4px 4px 4px 4px rgb(245, 201,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7144, 63.6544, 41.2235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 201, 158) }
```

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

```
.background{ background-color: rgb(245,  
201, 158) }
```

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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